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Environnement Canada Environment Canada

# Données sur les eaux de surface

# Québec

## Surface Water Data

# 1990

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
RÉGION DU QUÉBEC
QUANTITÉ ET QUALITÉ DE L'EAU
LONGUEUIL (QUÉBEC)
CANADA, 1991

INLAND WATERS DIRECTORATE
QUEBEC REGION
WATER QUANTITY AND QUALITY BRANCH
LONGUEUIL, QUEBEC
CANADA, 1991

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1991

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1991

92-02671/

Imprimé sur du papier à base de matériels récupérés

Printed on paper that contains recovered waste

Publié avec l'autorisation
du ministre de l'Environnement

Published by authority of
the Minister of the Environment

©Ministre des Approvisionnements et Services Canada 1991
N° de cat. En 36-408/1990
ISBN 0-662-58656-5

©Minister of Supply and Services Canada 1991
Cat. No. En 36-408/1990
ISBN 0-662-58656-5

## AVANT–PROPOS

La Division des relevés hydrologiques du Canada sous l'autorité du Directeur de la Direction des ressources en eau, ministère de l'Environnement (Ottawa) a préparé la présente publication en collaboration avec la Direction régionale des eaux intérieures, région du Québec.

Cette édition des *Données sur les eaux de surface* fournit des données hydrologiques recueillies en 1990 pour les eaux de surface des cours d'eau navigables et internationaux et des cours d'eau traversant le territoire fédéral dans la province de Québec. Ces données pour certaines des années précédentes étaient publiées dans les *Données sur les eaux de surface*, pour l'Ontario.

Le Directeur régional de la région du Québec, Direction générale des eaux intérieures, a autorisé la cueillette et la compilation des données de base et ce sous direction du Chef des programmes de la quantité et de la qualité de l'eau, à Longueuil (Québec).

On remercie vivement les organismes fédéraux, provinciaux, ou autres, pour la coopération qu'ils ont apportée.

## PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment (Ottawa) in collaboration with the Quebec region Inland Waters Directorate.

This Surface Water Data publication provides hydrological data for 1990 on the surface waters of navigable and international streams and streams crossing federal land in the province of Quebec. These data for some previous years have been published in the Surface Water Data publication for Ontario.

The basic data were collected and compiled under the authority of the Regional Director, Quebec Region, Inland Waters Directorate, and under the direction of the Chief of the Water Quantity and Quality Programs Branch at Longueuil, Quebec.

The co-operation received from federal and provincial agencies and from other organizations is gratefully acknowledged.

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## INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1990, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués au Québec.

On publie ici le répertoire de stations hydrométriques exploitées par la Division des relevés hydrologiques du Canada dans la province de Québec. L'*Index de référence* pour le Québec comprend toutes les stations hydrométriques fédérales actuellement en opération ou qui l'ont été antérieurement; on y indique les renseignements disponibles et les sources d'informations.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Ingénieur de région, Division des programmes de la quantité et de la qualité de l'eau
Ministère de l'Environnement
2e étage
1001, rue Pierre Dupuy
Longueuil (Québec)
J4K 1A1
(514 646-1035)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario) K1A 0H3 (819 997-2098).

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## INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1990 calendar year, the results of the hydrometric survey investigations which were made in Quebec, by the Water Survey of Canada.

A list of all hydrometric stations managed by the Water Survey of Canada Division in the province of Quebec is also included in this publication. The Quebec Reference Index comprises all federal hydrometric stations in operation previously or currently and for which available information and information sources are indicated.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Engineer, Water Quantity and Quality Programs Branch,
Department of the Environment,
2nd Floor,
1001 Pierre Dupuy Street,
Longueuil, Quebec.
J4K 1A1
(514 646-1035)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

## ORGANISATION DE LA DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES, RÉGION DU QUÉBEC

La Direction des eaux intérieures, région du Québec, est composée de deux éléments principaux. Les responsabilités de la Division de la planification et de la gestion des eaux comprennent la réalisation d'études intégrées de bassins versants et la coordination d'études conjointes avec les autorités provinciales, tant au niveau de la régularisation des eaux et du contrôle des inondations, que de la gestion de la qualité; la Division participe de plus à l'aménagement des ressources en eau sur les territoires fédéraux, et à l'évaluation des incidences environnementales des projets sous la responsabilité de ministères ou d'organismes fédéraux.

Le deuxième élément, la Division des programmes de la quantité et de la qualité de l'eau, s'occupe principalement de la cueillette et de la publication des données hydrologiques de base, des études de la qualité des eaux et de l'analyse des échantillons d'eau aux laboratoires Capitaine Bernier de Longueuil.

La Direction des eaux intérieures, région du Québec, est impliquée dans la coordination de plusieurs programmes de planification, de gestion, d'utilisation et d'aménagement des eaux en quantité et en qualité au Québec. Des activités comprennent d'incidence des pluies acides, les évaluations environnementales, la gestion de la qualité des eaux, la réduction des dommages causés par les inondations et la gestion des eaux limitrophes internationales. Le Ministère accorde aussi des subventions à la recherche aux universités et aux industries.

Pour obtenir des renseignements supplémentaires sur les programmes des activités énoncées, il suffit de s'adresser au:

Directeur régional
Direction générale des eaux intérieures
Ministère de l'Environnement
1141, route de l'Eglise, 8$^{e}$ étage
Boîte postale 10,100
Sainte-Foy (Québec)
G1V 4H5

## ORGANIZATION OF THE INLAND WATERS DIRECTORATE, QUEBEC REGION

The Quebec Region Inland Waters Directorate, comprises two major components. The main responsibilities of the Water Planning and Management Branch with provincial authorities dealing with the regulation of water levels, flood control and water quality management. The Branch is also involved in the management of the water resources on federal lands and in environmental impact assessment studies on projects conducted by federal departments or agencies.

The second component, the Water Quantity and Quality Programs Branch, is mainly responsible for collecting and publishing hydrological base data, monitoring water quality and analyzing water samples at the Capitaine Bernier laboratories in Longueuil.

The Quebec Region Inland Waters Directorate is involved in the co-ordination of several water quality and quantity planning, management, utilization and development programs in Quebec. Activities include acid rain assessment, environmental evaluation, water quality management, flood damage reduction and management of international boundary waters. The Department also issues research grants to universities and private industry.

For additional information on the programs of the activities listed above, please contact the:

Regional Director,
Inland Waters Directorate,
Department of the Environment,
1141, route de l'Eglise, 8th Floor,
P.O. Box 10,100,
Sainte-Foy, Quebec.
G1V 4H5

## HISTORIQUE DES RELEVÉS HYDROLOGIQUES AU QUÉBEC

Le ministère québécois des Terres et Forêts a effectué les relevés hydrométriques entre 1906 et 1912, et à compter de 1913, c'est la Commission des eaux courantes qui s'en est occupée. Conformément à une entente de coopération fédérale-provinciale mise en vigueur le 1$^{er}$ octobre 1922, les relevés hydrométriques effectués dans la province de Québec ont été confiés à des organismes fédéraux. Le 1$^{er}$ avril 1964, le ministère de l'Environnement du Québec est devenu responsable de la conduite des relevés hydrométriques portant sur la majorité des cours d'eau du Québec. La Division des relevés hydrologiques du Canada continue depuis, l'exploitation d'un réseau de stations hydrométriques fédérales dans l'intérêt de la navigation, sur les eaux interprovinciales et sur les eaux internationales.

## HISTORY OF THE WATER SURVEYS IN QUEBEC

Between 1906 and 1912, hydrometric surveys were carried out by the Quebec Department of Lands and Forests; in 1913, the surveys were taken over by the *Commission des eaux courantes* (Waterways Commission). Under a co-operative federal-provincial agreement effective October 1, 1922, the province of Quebec was included in hydrometric surveys carried out by federal agencies. On April 1, 1964, the *ministère de l'Environnement du Québec* became responsible for conducting hydrometric surveys on most of the watercourses in the province. The Water Survey of Canada Division continues to operate a network of strictly federal hydrometric stations in the province in the interest of navigation in interprovincial and international waters.

Le Canada et le Québec ont signé un accord prenant effet le 1er avril 1975, relativement au financement de la cueillette des données hydrométriques effectuée par le ministère de l'Environnement du Québec. Selon les termes de cet accord, le gouvernement fédéral assume la totalité des frais de cueillette des données sur les niveaux et débits aux stations jugées d'intérêt fédéral, alors que dans les cas des stations d'intérêt mutuel, les frais sont partagés de façon égale avec la province.

Le ministère de l'Environnement du Québec publie pour chaque année hydrologique (octobre à septembre), les données recueillies par la Direction générale des Eaux de leur réseau de stations hydrométriques.

À chaque année, la Direction des relevés aquatiques du ministère de l'Environnement publie aussi un *Répertoire hydrologique* contenant des répertoires météorologiques, hydrométriques et de la qualité des eaux. Pour plus amples renseignements sur les réseaux de stations exploités par la province, il faut communiquer à la source d'information suivante:

Le Directeur
Direction des relevés aquatiques
Ministère de l'Environnement du Québec
3900, rue Marly, 5e étage
Boîte postale 39
Sainte-Foy (Québec)
G1X 4E4

Pour tous renseignements relatifs aux niveaux et débits des cours d'eau, il suffit de s'adresser au Chef, Service des eaux de surface, à la même adresse.

Under a federal-provincial agreement that went into effect April 1, 1975, Canada and Quebec signed an agreement on the collection of hydrometric data by virtue of which the *ministère de l'Environnement du Québec* will collect most data on water levels and flows in the province and the federal government will reimburse Quebec the cost of collecting those data which are of interest to the federal government, and share the cost of those stations of mutual interest.

The *ministère de l'Environnement du Québec* publishes, for each hydrological year (October to September) the data collected by the *Direction générale des Eaux* from their network of hydrometric stations.

Each year, the *Direction des relevés aquatiques du ministère de l'Environnement* also publishes a hydrological index containing meteorological, hydrometric and water quality indexes. For further information on provincially-operated station networks, please contact the following:

Director,
*Direction des relevés aquatiques,*
*Ministère de l'Environnement du Québec,*
3900 Marly Street, 5th Floor,
P.O. Box 39,
Sainte-Foy, Quebec.
G1X 4E4

For information on water levels and flows, please contact the Chief, Surface Waters Branch at the same address.

# Données sur les eaux de surface

# 1990

# Surface Water Data

## COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La présente publication renferme les données sur les niveaux d'eau annuels enregistrés au réseau de mesure des marées et des niveaux d'eau sur le fleuve Saint-Laurent en amont du lac St-Pierre, au Québec. Ces données sont recueillies et préparées en vertu d'un protocole d'entente conclu entre le Service de la conservation de l'environnement et les Sciences et levés océaniques. Ce protocole reconnaît que les deux parties sont tenues de recueillir et de publier des données sur les niveaux d'eau pour leurs propres besoins de gestion des eaux et de navigation. À cette fin, la Direction des ressources en eau exploite et entretient les jauges appartenant au Service hydrographique du Canada, tandis que la Direction des services des données sur le milieu marin des Sciences et levés océaniques s'occupe de la préparation des données. Avant 1981, le Service hydrographique du Canada a compilé et publié ces données dans le cadre d'une série annuelle intitulée: «Niveaux d'eau: Moyennes journalières», série qui continuera de paraître pour les stations situées en aval du lac St-Pierre, sur le Saint-Laurent, et sur les côtes maritimes.

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Administration de la voie maritime du Saint-Laurent
Conseil des ports nationaux
Conseil international de régularisation du fleuve Saint-Laurent
Ministère des Pêches et Océans
Ministère des Transports (Canada)
Ministère des Travaux publics (Canada)
Service des relevés géodésiques des États-Unis

Niveau provincial – Hydro-Québec
Ministère de l'Environnement du Québec

Secteur privé – La Compagnie Aluminium du Canada
La Compagnie Dominion Textiles
La Compagnie Iron Ore du Canada

## CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

This publication includes the annual water level data for the Tides and Water Level Network in Quebec on the St. Lawrence River upstream of Lac St. Pierre. These data are collected and prepared under a Memorandum of Understanding between the Environmental Conservation Service and Ocean Science and Surveys. This memorandum recognizes the need for both parties to collect and publish water level data for their respective needs of management of the water resources and navigation. Under the memorandum the Water Resources Branch operates and maintains the water level gauges owned by the Canadian Hydrographic Service and the data are prepared by the Marine Environmental Data Services Branch of Ocean Science and Surveys. The data prior to 1981 were compiled and published by the Canadian Hydrographic Service in an annual publication series entitled "Water levels, Daily Means" which will continue for the stations downstream of Lac St. Pierre on the St. Lawrence and on the marine coasts.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – St. Lawrence Seaway Authority
National Harbours Board
International St. Lawrence River Board of Control
Department of Fisheries and Oceans
Ministry of Transport (Canada)
Department of Public Works (Canada)
United States Geological Survey

Provincial – *Hydro-Québec*
*Ministère de l'Environnement du Québec*

Private – Aluminum Company of Canada
Dominion Textile Company
Iron Ore Company of Canada

## ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 $km^2$ (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 $m^2$ (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 $km^2$ (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 $m^3$ (mètre cube)
1 $m^3$ (mètre cube) vaut 35.315 pieds cubes
1 $dam^3$ (décamètre cube) vaut 1000 $m^3$ (mètres cubes)
1 $dam^3$ (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 $km^2$ (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 $dam^3$ (décamètres cubes)
1 $m^3/s$ (mètre cube par seconde) pour un jour vaut 86.4 $dam^3$ (décamètre cube)
1 $m^3/s$ (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 $m^3/s$ (mètre cube par seconde)
1 $m^3/s$ (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

## EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 $km^2$ (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 $m^2$ (square metres)
1 ha (hectare) equals 2.4710 acres
1 $km^2$ (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 $m^3$ (cubic metre)
1 $m^3$ (cubic metre) equals 35.315 cubic feet
1 $dam^3$ (cubic decametre) equals 1000 $m^3$ (cubic metres)
1 $dam^3$ (cubic decametre) equals 1 mm (millimetre) over 1 $km^2$ (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 $dam^3$ (cubic decametres)
1 $m^3/s$ (cubic metre per second) for one day equals 86.4 $dam^3$ (cubic decametre)
1 $m^3/s$ (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 $m^3/s$ (cubic metre per second)
1 $m^3/s$ (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

## DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» ($m^3/s$) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

## PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

## DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" ($m^3/s$) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

## PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

*Surface Water Data* have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

## PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

## METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

*Stations internationales de jaugeage* (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

*Type de jauge* (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

*International Gauging Stations* – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

*Type of Gauge* – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

*Emplacement* (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

*Superficie du bassin versant* (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

*Données fournies* (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

*Débit naturel* ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

*Plan de référence des jauges* (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

*Remarques* (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

## RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

*Location* – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

*Drainage Area* – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

*Contributed Data* – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

*Natural Flow* or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

*Gauge Datum* – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

*Remarks* – unusual conditions which occur at a station are explained.

## REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

## EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

## ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

# DONNÉES SUR LES EAUX DE SURFACE / SURFACE WATER DATA



## CHAMPLAIN (LAC) A PHILIPSBURG - STATION NO. 020H001

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.664 | 4.867 | 5.077 | --- | --- | --- | --- | --- | --- | --- | 5.301 | 5.481 | 1 |
| 2 | 4.658 | 4.843 | 5.074 | --- | --- | --- | --- | --- | --- | --- | 5.339 | 5.386 | 2 |
| 3 | 4.652 | 4.844 | 5.053 | --- | --- | --- | --- | --- | --- | --- | 5.289 | 5.330 | 3 |
| 4 | 4.662 | 4.858 | 5.051 | --- | --- | --- | --- | --- | --- | --- | 5.291 | 5.393 | 4 |
| 5 | 4.647 | 4.864 | 5.043 | --- | --- | --- | --- | --- | --- | --- | 5.229 | 5.410 | 5 |
| 6 | 4.653 | 4.871 | 5.029 | --- | --- | --- | --- | --- | --- | --- | 5.287 | 5.429 | 6 |
| 7 | 4.653 | 4.858 | 5.015 | --- | --- | --- | --- | --- | --- | --- | 5.241 | 5.381 | 7 |
| 8 | 4.644 | 4.855 | 5.003 | --- | --- | --- | --- | --- | --- | --- | 5.209 | 5.361 | 8 |
| 9 | 4.640 | 4.858 | 4.988 | --- | --- | --- | --- | --- | --- | --- | 5.215 | 5.357 | 9 |
| 10 | 4.628 | 4.875 | 4.976 | --- | --- | --- | --- | --- | --- | --- | 5.230 | 5.350 | 10 |
| 11 | 4.628 | 4.935 | 4.962 | --- | --- | --- | --- | --- | --- | --- | 5.339 | 5.313 | 11 |
| 12 | 4.625 | 4.951 | 4.971 | --- | --- | --- | --- | --- | --- | --- | 5.409 | 5.291 | 12 |
| 13 | 4.608 | 4.985 | 4.999 | --- | --- | --- | --- | --- | --- | --- | 5.446 | 5.292 | 13 |
| 14 | 4.596 | 4.965 | 5.038 | --- | --- | --- | --- | --- | --- | --- | 5.423 | 5.242 | 14 |
| 15 | 4.596 | 4.970 | 5.108 | --- | --- | --- | --- | --- | --- | --- | 5.460 | 5.241 | 15 |
| 16 | 4.584 | 4.988 | 5.207 | --- | --- | --- | --- | --- | --- | --- | 5.433 | 5.201 | 16 |
| 17 | 4.589 | 4.989 | 5.348 | --- | --- | --- | --- | --- | --- | --- | 5.444 | 5.189 | 17 |
| 18 | 4.605 | 4.997 | 5.496 | --- | --- | --- | --- | --- | --- | --- | 5.487 | 5.223 | 18 |
| 19 | 4.656 | 5.011 | 5.557 | --- | --- | --- | --- | --- | --- | --- | 5.498 | 5.177 | 19 |
| 20 | 4.677 | 4.988 | 5.582 | --- | --- | --- | --- | --- | --- | --- | 5.523 | 5.177 | 20 |
| 21 | 4.678 | 5.003 | 5.654 | --- | --- | --- | --- | --- | --- | --- | 5.507 | 5.217 | 21 |
| 22 | 4.693 | 4.992 | 5.727 | --- | --- | --- | --- | --- | --- | --- | 5.556 | 5.204 | 22 |
| 23 | 4.694 | 4.997 | 5.766 | --- | --- | --- | --- | --- | --- | --- | 5.533 | 5.284 | 23 |
| 24 | 4.701 | 5.035 | 5.757 | --- | --- | --- | --- | --- | --- | --- | 5.524 | 5.399 | 24 |
| 25 | 4.693 | 5.066 | 5.776 | --- | --- | --- | --- | --- | --- | --- | 5.580 | 5.521 | 25 |
| 26 | 4.719 | 5.082 | 5.773 | --- | --- | --- | --- | --- | --- | --- | 5.485 | 5.558 | 26 |
| 27 | 4.780 | 5.094 | 5.741 | --- | --- | --- | --- | --- | --- | --- | 5.558 | 5.519 | 27 |
| 28 | 4.829 | 5.074 | --- | --- | --- | --- | --- | --- | --- | --- | 5.524 | 5.519 | 28 |
| 29 | 4.822 | | --- | --- | --- | --- | --- | --- | --- | --- | 5.462 | 5.540 | 29 |
| 30 | 4.846 | | --- | --- | --- | --- | --- | --- | --- | --- | 5.422 | 5.573 | 30 |
| 31 | 4.860 | | --- | | --- | | --- | --- | | --- | | 5.651 | 31 |
| MOY | 4.677 | 4.954 | --- | --- | --- | --- | --- | --- | --- | --- | 5.408 | 5.362 | MOY |
| MAX | 4.860 | 5.094 | --- | --- | --- | --- | --- | --- | --- | --- | 5.580 | 5.651 | MAX |
| MIN | 4.584 | 4.843 | --- | --- | --- | --- | --- | --- | --- | --- | 5.209 | 5.177 | MIN |

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 02 23 N
LONG 073 04 47 W

DEBIT NATUREL

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 24.384 m POUR OBTENIR LES COTES GEODESIQUES

## CHATEAUGUAY (RIVIERE) A CHATEAUGUAY-CENTRE - STATION NO. 020A012

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21.481 | 21.561 | 21.885 | 21.737 | 21.896 | 21.622 | 21.509 | 21.212 | 21.331 | 21.427 | 21.624 | 21.549 | 1 |
| 2 | 21.455 | 21.575 | 21.681 | 21.805 | 21.916 | 21.590 | 21.528 | 21.202 | 21.294 | 21.472 | 21.545 | 21.605 | 2 |
| 3 | 21.501 | 21.913 | 21.643 | 21.922 | 21.823 | 21.544 | 21.524 | 21.186 | 21.242 | 21.404 | 21.516 | 21.528 | 3 |
| 4 | 21.481 | 21.985 | 21.715 | 23.025 | 21.774 | 21.570 | 21.491 | 21.170 | 21.200 | 21.352 | 21.548 | 21.532 | 4 |
| 5 | 21.555 | 21.963 | 21.779 | 23.148 | 21.748 | 21.615 | 21.450 | 21.186 | 21.187 | 21.387 | 21.514 | 21.899 | 5 |
| 6 | 21.761 | 21.823 | 21.641 | 22.535 | 21.770 | 21.531 | 21.849 | 21.130 | 21.188 | 21.533 | 21.607 | 21.749 | 6 |
| 7 | 21.766 | 21.661 | 21.565 | 22.223 | 21.773 | 21.601 | 21.652 | 21.232 | 21.188 | 21.628 | 21.798 | 21.764 | 7 |
| 8 | 21.633 | 21.545 | 21.523 | 22.005 | 21.713 | 21.599 | 21.523 | 21.265 | 21.176 | 21.333 | 21.729 | 21.694 | 8 |
| 9 | 21.563 | 21.541 | 21.391 | 21.896 | 21.664 | 21.531 | 21.478 | 21.196 | 21.170 | 21.305 | 21.590 | 21.704 | 9 |
| 10 | 21.485 | 22.591 | 21.443 | 21.863 | 21.563 | 21.489 | 21.441 | 21.216 | 21.163 | 21.303 | 21.548 | 21.724 | 10 |
| 11 | 21.431 | 22.603 | 21.621 | 22.282 | 21.606 | 21.518 | 21.395 | 21.204 | 21.155 | 21.557 | 22.084 | 21.874 | 11 |
| 12 | 21.405 | 22.285 | 22.243 | 22.368 | 21.659 | 21.584 | 21.374 | 21.166 | 21.144 | 21.662 | 22.171 | 21.808 | 12 |
| 13 | 21.409 | 21.945 | 22.565 | 22.205 | 21.604 | 21.575 | 21.360 | 21.178 | 21.145 | 21.756 | 21.855 | 21.679 | 13 |
| 14 | 21.501 | 21.965 | 22.533 | 22.291 | 21.583 | 21.514 | 21.349 | 21.822 | 21.144 | 21.806 | 21.639 | 21.702 | 14 |
| 15 | 21.481 | 22.133 | 22.515 | 22.488 | 21.592 | 21.474 | 21.362 | 22.084 | 21.172 | 21.741 | 21.642 | 21.733 | 15 |
| 16 | 21.545 | 22.015 | 22.643 | 22.464 | 21.585 | 21.470 | 21.357 | 21.737 | 21.122 | 21.610 | 21.768 | 21.599 | 16 |
| 17 | 21.561 | 21.843 | 22.654 | 22.199 | 21.524 | 21.450 | 21.345 | 21.570 | 21.104 | 21.504 | 22.015 | 21.550 | 17 |
| 18 | 21.615 | 21.931 | 23.538 | 22.014 | 21.679 | 21.468 | 21.291 | 21.372 | 21.096 | 21.447 | 22.065 | 21.505 | 18 |
| 19 | 21.938 | 21.843 | 22.802 | 21.913 | 21.764 | 21.537 | 21.303 | 21.344 | 21.130 | 21.968 | 21.822 | 21.560 | 19 |
| 20 | 22.655 | 21.805 | 22.275 | 21.829 | 21.711 | 21.507 | 21.305 | 21.459 | 21.118 | 22.123 | 21.746 | 21.736 | 20 |
| 21 | 22.111 | 21.785 | 22.298 | 21.894 | 21.745 | 21.505 | 21.325 | 21.366 | 21.115 | 21.786 | 21.674 | 21.596 | 21 |
| 22 | 21.968 | 21.571 | 22.334 | 21.972 | 22.036 | 21.527 | 21.303 | 21.293 | 21.143 | 21.607 | 21.599 | 21.643 | 22 |
| 23 | 21.851 | 21.621 | 22.199 | 21.959 | 21.948 | 21.475 | 21.442 | 21.266 | 21.157 | 21.547 | 21.677 | 22.375 | 23 |
| 24 | 21.743 | 22.285 | 22.279 | 21.894 | 21.873 | 21.522 | 21.519 | 21.208 | 21.137 | 21.770 | 21.803 | 22.818 | 24 |
| 25 | 21.705 | 22.153 | 22.078 | 21.843 | 21.851 | 21.671 | 21.458 | 21.222 | 21.106 | 22.249 | 21.723 | 22.162 | 25 |
| 26 | 22.241 | 22.043 | 21.978 | 21.834 | 21.799 | 21.654 | 21.370 | 21.203 | 21.104 | 21.939 | 21.662 | 21.898 | 26 |
| 27 | 22.261 | 21.979 | 21.885 | 21.832 | 21.766 | 21.634 | 21.291 | 21.201 | 21.104 | 21.963 | 21.608 | 21.906 | 27 |
| 28 | 21.943 | 21.923 | 21.805 | 21.874 | 21.726 | 21.548 | 21.264 | 21.142 | 21.297 | 21.808 | 21.600 | 21.797 | 28 |
| 29 | 21.851 | | 21.741 | 21.880 | 21.580 | 21.497 | 21.263 | 21.106 | 21.338 | 21.728 | 21.643 | 21.826 | 29 |
| 30 | 21.733 | | 21.705 | 21.943 | 21.602 | 21.454 | 21.238 | 21.349 | 21.344 | 21.691 | 21.608 | 22.449 | 30 |
| 31 | 21.619 | | 21.707 | | 21.668 | | 21.217 | 21.439 | | 21.656 | | 23.354 | 31 |
| MOY | 21.750 | 21.924 | 22.054 | 22.105 | 21.730 | 21.542 | 21.406 | 21.316 | 21.177 | 21.650 | 21.714 | 21.849 | MOY |
| MAX | 22.939 | 22.603 | 23.538 | 23.148 | 22.036 | 21.671 | 21.849 | 22.084 | 21.344 | 22.249 | 22.171 | 23.354 | MAX |
| MIN | 21.405 | 21.541 | 21.391 | 21.737 | 21.524 | 21.450 | 21.217 | 21.130 | 21.096 | 21.305 | 21.514 | 21.505 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 21.683

TYPE DE JAUGE - MANUELLE
EMPLACEMENT - LAT 45 21 42 N
LONG 073 44 53 W

REGULARISE

PLAN DE REFERENCE : MINISTERE DES TRAVAUX PUBLICS
AJOUTER -20.050 m POUR OBTENIR LES COTES ARBITRAIRE

## CHENE (RIVIERE DU) AU SUD DU VILLAGE DE BELLE-RIVIERE - STATION NO. 020A028

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.786 | 3.729 | 3.695 | 3.459 | --- | 3.178 | 3.233 | 3.158 | 3.087 | 3.409 | 3.168 | --- | 1 |
| 2 | 3.785 | 3.793 | 3.757 | 3.664 | --- | 3.171 | 3.203 | 3.114 | 3.042 | 3.230 | 3.165 | --- | 2 |
| 3 | 3.656 | 3.703 | 3.926 | 3.752 | --- | 3.171 | 3.172 | 3.121 | 3.034 | 3.210 | 3.165 | --- | 3 |
| 4 | 3.654 | 3.669 | 3.823 | 4.991 | --- | 3.175 | 3.180 | 3.094 | 3.082 | 3.250 | 3.161 | --- | 4 |
| 5 | 3.886 | 3.724 | 3.739 | 4.438 | --- | 3.167 | 3.169 | 3.100 | 3.086 | 3.402 | 3.158 | --- | 5 |
| 6 | 3.714 | 3.683 | 3.733 | 3.737 | --- | 3.161 | 3.148 | 3.118 | 3.090 | 3.237 | 3.630 | --- | 6 |
| 7 | 3.622 | 3.639 | 3.728 | 3.521 | 3.240A | 3.161 | 3.146 | 3.158 | 3.090 | 3.202 | 3.400 | --- | 7 |
| 8 | 3.578 | 3.641 | 3.734 | 3.454 | 3.212 | 3.155 | 3.176 | 3.142 | 3.089 | 3.190 | 3.274 | --- | 8 |
| 9 | 3.536 | 3.730 | 3.754 | 3.427 | 3.207 | 3.153 | 3.154 | 3.120 | 3.086 | 3.217 | 3.226 | --- | 9 |
| 10 | 3.528 | 3.879 | 3.759 | 3.507 | 3.207 | 3.162 | 3.142 | 3.116 | 3.084 | 3.293 | 3.218 | --- | 10 |
| 11 | 3.512 | 3.748 | 3.845 | 3.529 | 3.227 | 3.153 | 3.127 | 3.114 | 3.087 | 3.260 | 3.220 | --- | 11 |
| 12 | 3.584 | 3.683 | 4.163 | 3.469 | 3.208 | 3.142 | 3.121 | 3.121 | 3.086 | 3.355A | 3.219 | --- | 12 |
| 13 | 3.552 | 3.684 | 4.240 | 3.469 | 3.198 | 3.137 | 3.114 | 3.158 | 3.086 | --- | 3.305 | --- | 13 |
| 14 | 3.556 | 3.801 | 4.334 | 3.552 | 3.194 | 3.134 | 3.109 | 3.177 | 3.087 | --- | --- | --- | 14 |
| 15 | 3.540 | 3.722 | 4.474 | 4.008 | 3.187 | 3.130 | 3.075 | 3.143 | 3.085 | 3.291A | --- | --- | 15 |
| 16 | 3.555 | 3.756 | 4.760 | 3.632 | 3.184 | 3.130 | 3.103 | 3.150 | 3.102 | 3.237 | --- | --- | 16 |
| 17 | 3.567 | 3.824 | 4.998 | 3.555 | 3.170 | 3.121 | 3.121 | 3.114 | 3.086 | 3.214 | --- | --- | 17 |
| 18 | 4.015 | 3.775 | 4.835 | --- | 3.170 | 3.209 | 3.124 | 3.130 | 3.082 | 3.227 | --- | --- | 18 |
| 19 | 4.125 | 3.772 | 4.451 | --- | 3.343 | 3.540 | 3.129 | 3.212 | 3.079 | 3.310 | --- | --- | 19 |
| 20 | 3.925 | 3.762 | 4.010 | --- | 3.279 | 3.226 | 3.196 | 3.141 | 3.080 | 3.243 | --- | --- | 20 |
| 21 | 3.760 | 3.761 | 3.973 | --- | 3.282 | 3.187 | 3.192 | 3.122 | 3.086 | 3.214 | --- | --- | 21 |
| 22 | 3.735 | 3.788 | 4.037 | --- | 3.264 | 3.172 | 3.130 | 3.110 | 3.080 | 3.209 | --- | --- | 22 |
| 23 | 3.770 | 4.262 | 4.302 | --- | 3.251 | 3.235 | 3.358 | 3.108 | 3.099 | 3.200 | --- | --- | 23 |
| 24 | 3.724 | 4.134 | 3.772 | --- | 3.232 | 3.939 | 3.227 | 3.128 | 3.101 | 3.198 | --- | --- | 24 |
| 25 | 3.932 | 3.952 | 3.544 | --- | 3.224 | 3.377 | 3.164 | 3.111 | 3.091 | 3.193 | --- | --- | 25 |
| 26 | 4.056 | 3.810 | 3.472 | --- | 3.214 | 3.247 | 3.141 | 3.104 | 3.083 | 3.205 | --- | --- | 26 |
| 27 | 3.980 | 3.738 | 3.390 | --- | 3.244 | 3.202 | 3.133 | 3.113 | 3.095 | 3.187 | --- | --- | 27 |
| 28 | 3.859 | 3.709 | 3.338 | --- | 3.242 | 3.180 | 3.122 | 3.141 | 3.084 | 3.187 | --- | --- | 28 |
| 29 | 3.775 | | 3.315 | --- | 3.200 | 3.163 | 3.120 | 3.131 | 3.093 | 3.179 | --- | --- | 29 |
| 30 | 3.776 | | 3.292 | --- | 3.189 | 3.164 | 3.110 | 3.119 | 3.246 | 3.171 | --- | --- | 30 |
| 31 | 3.769 | | 3.294 | | 3.180 | | 3.158 | 3.092 | | 3.172 | | --- | 31 |
| MOY | 3.736 | 3.781 | 3.919 | --- | --- | 3.215 | 3.155 | 3.128 | 3.090 | --- | --- | --- | MOY |
| MAX | 4.125 | 4.262 | 4.998 | --- | --- | 3.939 | 3.358 | 3.212 | 3.246 | --- | --- | --- | MAX |
| MIN | 3.512 | 3.639 | 3.292 | --- | --- | 3.121 | 3.075 | 3.092 | 3.034 | --- | --- | --- | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 36 48 N
LONG 074 06 17 W

A - JAUGE MANUELLE

DEBIT NATUREL

MAXIMUM INSTANTANE,
5.429 LE 04 AVR A 15:06 HNE

BASSIN VERSANT,
53.6 km²

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 32.696 m POUR OBTENIR LES COTES GEODESIQUES

## CHIENS (RIVIERE AUX) PRES DE BOISBRIAND - STATION NO. 020A032

### DEBITS QUOTIDIENS EN METRES CUBES PAR SECONDE - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.100B | 0.310B | 0.140B | 0.535 | 0.271 | 0.115 | --- | 0.075 | 0.062 | 0.230 | 0.145 | 0.301 | 1 |
| 2 | 0.115B | 0.217B | 0.086B | 0.751 | 0.237 | 0.108 | --- | 0.066 | 0.062 | 0.227 | 0.139 | 0.274 | 2 |
| 3 | 0.150B | 0.200B | 0.088B | 0.880 | 0.211 | 0.117 | --- | 0.064 | 0.060 | 0.170 | 0.139 | 0.207 | 3 |
| 4 | 0.200B | 0.170B | 0.090B | 4.40 | 0.196 | 0.119 | --- | --- | 0.057 | 0.228 | 0.137 | 0.197 | 4 |
| 5 | 0.360B | 0.160B | 0.092B | 2.04 | 0.208 | 0.105 | --- | --- | 0.062 | 0.282 | 0.137 | 0.229 | 5 |
| 6 | 0.290B | 0.150B | 0.095B | 1.09 | 0.222 | 0.104 | --- | --- | 0.061 | 0.181 | 0.614 | 0.226 | 6 |
| 7 | 0.250B | 0.142B | 0.098B | 0.759 | 0.217 | 0.106 | --- | --- | 0.061 | 0.140 | 0.454 | 0.213 | 7 |
| 8 | 0.230B | 0.140B | 0.101B | 0.609 | 0.202 | 0.095 | --- | --- | 0.057 | 0.120 | 0.353 | 0.199 | 8 |
| 9 | 0.200B | 0.150B | 0.105B | 0.542 | 0.194 | 0.099 | --- | --- | 0.059 | 0.177 | 0.277 | 0.191 | 9 |
| 10 | 0.169B | 0.175B | 0.112B | 0.713 | 0.193 | 0.122 | --- | --- | 0.061 | 0.240 | 0.270 | 0.257 | 10 |
| 11 | 0.170B | 0.175B | 0.230B | 0.668 | 0.236 | 0.105 | --- | --- | 0.056 | 0.272 | 0.262 | 0.251 | 11 |
| 12 | 0.165B | 0.145B | 0.400B | 0.576 | 0.202 | 0.099 | --- | --- | 0.053 | 0.396 | 0.240 | 0.161 | 12 |
| 13 | 0.160B | 0.150B | 1.00 B | 0.540 | 0.192 | 0.092 | --- | --- | 0.053 | 0.534 | 0.251 | 0.165 | 13 |
| 14 | 0.155B | 0.165B | 1.55 B | 0.612 | 0.183 | 0.089 | --- | --- | 0.054 | 0.462 | 0.183 | 0.151 | 14 |
| 15 | 0.160B | 0.165B | 1.72 | 1.03 | 0.145 | 0.077 | --- | --- | 0.067 | 0.333 | 0.188 | 0.138 | 15 |
| 16 | 0.160B | 0.164B | 3.02 | 0.832 | 0.157 | 0.068 | --- | 0.072A | 0.059 | 0.268 | 0.251 | 0.136 | 16 |
| 17 | 0.160B | 0.163B | 4.59 | 0.781 | 0.426 | 0.066 | --- | 0.067 | 0.054 | 0.247 | 0.718 | 0.135 | 17 |
| 18 | 0.500B | 0.162B | 3.23 | 0.635 | 0.643 | 0.174 | --- | 0.192 | 0.048 | 0.264 | 0.405 | 0.183 | 18 |
| 19 | 1.50 B | 0.160B | 1.64 | 0.510 | 0.434 | 0.284 | --- | 0.109 | 0.051 | 0.437 | 0.328 | 0.304 | 19 |
| 20 | 1.40 B | 0.160B | 1.56 | 0.510 | 0.340 | 0.144 | --- | 0.105 | 0.096 | 0.282 | 0.275 | 0.235 | 20 |
| 21 | 1.30 B | 0.162B | 1.15 | 0.790 | 0.349 | 0.127 | --- | 0.086 | 0.055 | 0.247 | 0.253 | 0.217 | 21 |
| 22 | 1.22 B | 0.220B | 1.16 | 0.672 | 0.293 | 0.125 | --- | 0.077 | 0.066 | 0.236 | 0.255 | 0.393 | 22 |
| 23 | 1.20 B | 0.460B | 1.54 | 0.558 | 0.252 | --- | --- | 0.071 | 0.082 | 0.220 | 0.547 | 1.94 | 23 |
| 24 | 1.22 B | 0.680B | 1.11 | 0.473 | 0.226 | --- | 0.160A | 0.069 | 0.081 | 0.231 | 0.414 | 1.25 | 24 |
| 25 | 1.25 B | 0.560B | 0.820 | 0.437 | 0.224 | --- | --- | 0.068 | 0.055 | 0.202 | 0.408 | 0.763 | 25 |
| 26 | 1.20 B | 0.450B | 0.659 | 0.434 | 0.224 | --- | --- | 0.067 | 0.054 | 0.228 | 0.375 | 0.546 | 26 |
| 27 | 0.580B | 0.350B | 0.592 | 0.399 | 0.172 | --- | --- | 0.087 | 0.050 | 0.188 | 0.439 | 0.415 | 27 |
| 28 | 0.750B | 0.265B | 0.580 | 0.352 | 0.152 | --- | --- | 0.073 | 0.049 | 0.181 | 0.583 | 0.368 | 28 |
| 29 | 0.600B | | 0.418 | 0.327 | 0.139 | --- | --- | 0.131 | 0.088 | 0.167 | 0.475 | 0.529 | 29 |
| 30 | 0.480B | | 0.365 | 0.301 | 0.152 | --- | --- | 0.067 | 0.400 | 0.158 | 0.352 | 2.03 | 30 |
| 31 | 0.390B | | 0.362 | | 0.134 | | 0.082A | 0.063 | | 0.152 | | 1.20 | 31 |
| TOTAL | 17.184 | 6.570 | 28.703 | 23.756 | 7.426 | --- | --- | --- | 2.173 | 7.700 | 9.867 | 13.804 | TOTAL |
| MOY | 0.554 | 0.235 | 0.926 | 0.792 | 0.240 | --- | --- | --- | 0.072 | 0.248 | 0.329 | 0.445 | MOY |
| MAX | 1.50 | 0.680 | 4.59 | 4.40 | 0.643 | --- | --- | --- | 0.400 | 0.534 | 0.718 | 2.03 | MAX |
| MIN | 0.100 | 0.140 | 0.086 | 0.301 | 0.134 | --- | --- | --- | 0.048 | 0.120 | 0.137 | 0.135 | MIN |

SOMMAIRE POUR L'ANNEE 1990

DEBITS EN METRES CUBES PAR SECONDE

MAXIMUM QUOTIDIEN, 4.59 LE MAR 17

MAXIMUM INSTANTANE,
6.65 LE 04 AVR A 10:22 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 38 16 N
LONG 073 54 51 W

A - JAUGE MANUELLE
B - GLACES

DEBIT NATUREL

DEBIT TOTAL MENSUEL
EN DECAMETRES CUBES

| | | | |
|---|---|---|---|
| JAN | 1 480 | JUL | --- |
| FEV | 568 | AOU | --- |
| MAR | 2 480 | SEP | 188 |
| AVR | 2 050 | OCT | 665 |
| MAI | 642 | NOV | 853 |
| JUN | --- | DEC | 1 190 |

## DEUX MONTAGNES (LAC DES) AU QUAI DE VAUDREUIL - STATION NO. 02OA021

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.357 | 2.487 | 2.305 | --- | 3.169 | 2.451 | 2.220 | 2.136 | --- | --- | 2.463 | 2.719 | 1 |
| 2 | 2.348 | 2.468 | 2.257 | 2.689 | 3.153 | 2.401 | 2.240 | 2.093 | --- | --- | 2.433 | 2.831 | 2 |
| 3 | 2.312 | 2.470 | 2.271 | 2.717 | 3.105 | 2.387 | 2.240 | --- | --- | --- | 2.418 | 2.886 | 3 |
| 4 | 2.319 | 2.492 | 2.235 | 2.916 | 3.086 | 2.393 | 2.262 | --- | --- | --- | 2.396 | 2.992 | 4 |
| 5 | 2.322 | 2.556 | 2.180 | 3.312 | 3.002 | 2.350 | 2.262 | --- | --- | --- | 2.386 | --- | 5 |
| 6 | 2.324 | 2.507 | 2.165 | 3.384 | 2.819 | 2.313 | 2.209 | --- | --- | --- | 2.423 | --- | 6 |
| 7 | 2.342 | 2.488 | 2.162 | 3.196 | 2.715 | 2.215 | 2.183 | --- | --- | --- | 2.533 | --- | 7 |
| 8 | 2.335 | 2.450 | 2.103 | 2.948 | 2.712 | 2.263 | 2.147 | --- | --- | --- | 2.498 | --- | 8 |
| 9 | 2.329 | 2.449 | 2.069 | 2.789 | 2.557 | 2.156 | 2.127 | --- | --- | --- | 2.509 | --- | 9 |
| 10 | 2.367 | 2.451 | 2.033 | 2.760 | 2.470 | 2.130 | 2.085 | --- | --- | --- | 2.501 | --- | 10 |
| 11 | 2.386 | 2.503 | 2.034 | 2.857 | 2.462 | 2.125 | 2.021 | --- | --- | --- | 2.476 | --- | 11 |
| 12 | 2.373 | 2.535 | 2.096 | 2.914 | 2.432 | 2.100 | 2.069 | --- | --- | 2.274A | 2.436 | --- | 12 |
| 13 | 2.279 | 2.516 | 2.100 | 2.935 | 2.347 | 2.074 | 2.108 | --- | --- | 2.320 | 2.380 | 2.796A | 13 |
| 14 | 2.284 | 2.465 | 2.202 | 2.843 | 2.328 | 2.045 | 2.118 | --- | --- | 2.383 | 2.306 | 2.735 | 14 |
| 15 | 2.361 | 2.527 | 2.436 | 2.768 | 2.304 | 2.026 | 2.095 | --- | --- | 2.358 | 2.249 | 2.648 | 15 |
| 16 | 2.372 | 2.465 | 2.602 | 2.833 | 2.284 | 2.056 | 2.119 | --- | --- | 2.281 | 2.224 | 2.609 | 16 |
| 17 | 2.462 | 2.434 | 2.828 | 2.837 | 2.237 | 2.031 | 2.105 | --- | --- | 2.222 | 2.288 | 2.582 | 17 |
| 18 | 2.423 | 2.457 | 3.114 | 2.819 | 2.353 | 1.998 | 2.104 | --- | --- | 2.245 | 2.243 | 2.534 | 18 |
| 19 | 2.497 | 2.436 | 3.185 | 2.770 | 2.412 | 2.047 | 2.093 | --- | --- | 2.326 | 2.216 | 2.529 | 19 |
| 20 | 2.469 | 2.364 | 3.180 | 2.707 | 2.465 | 2.007 | 2.106 | --- | --- | 2.304 | 2.241 | 2.499 | 20 |
| 21 | 2.488 | 2.370 | 3.143 | 2.744 | 2.535 | 2.005 | --- | --- | --- | 2.346 | 2.305 | 2.509 | 21 |
| 22 | 2.494 | 2.286 | 3.090 | 2.810 | 2.617 | 2.047 | --- | --- | --- | 2.389 | 2.302 | 2.561 | 22 |
| 23 | 2.448 | 2.290 | 3.094 | 2.823 | 2.720 | 2.042 | --- | --- | --- | 2.396 | 2.357 | 2.634 | 23 |
| 24 | 2.465 | 2.339 | 3.098 | 2.851 | 2.772 | 2.065 | 2.136 | --- | --- | 2.453 | 2.429 | 2.796 | 24 |
| 25 | 2.465 | 2.398 | 3.125 | 2.927 | 2.775 | 2.056 | 2.132 | --- | --- | 2.496 | 2.463 | 2.826 | 25 |
| 26 | 2.471 | 2.407 | 3.077 | 3.013 | 2.741 | 2.095 | 2.135 | --- | 1.789A | 2.513 | 2.504 | 2.786 | 26 |
| 27 | 2.493 | 2.380 | --- | 2.997 | 2.702 | 2.115 | 2.102 | --- | 1.802E | 2.487 | 2.481 | 2.729 | 27 |
| 28 | 2.499 | 2.302 | --- | 3.054 | 2.668 | 2.075 | 2.132 | --- | 1.815E | 2.465 | 2.561 | 2.677 | 28 |
| 29 | 2.484 | | --- | 3.122 | 2.612 | 2.063 | 2.110 | --- | 1.840E | 2.534 | 2.639 | 2.647 | 29 |
| 30 | 2.488 | | --- | 3.160 | 2.585 | 2.145 | 2.104 | --- | 1.875E | 2.494 | 2.664 | 2.695 | 30 |
| 31 | 2.496 | | --- | | 2.526 | | 2.168 | --- | | 2.487 | | 2.941 | 31 |
| MOY | 2.405 | 2.439 | --- | --- | 2.635 | 2.146 | --- | --- | --- | --- | 2.411 | --- | MOY |
| MAX | 2.499 | 2.556 | --- | --- | 3.169 | 2.451 | --- | --- | --- | --- | 2.664 | --- | MAX |
| MIN | 2.279 | 2.286 | --- | --- | 2.237 | 1.998 | --- | --- | --- | --- | 2.216 | --- | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 3.384 LE AVR 06

MAXIMUM INSTANTANE,
3.416 LE 06 AVR A 00:38 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 24 00 N
LONG 074 01 24 W

A - JAUGE MANUELLE

E - ESTIMATIVE

REGULARISE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 19.757 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1970)

## GORDON (RUISSEAU) A KIPAWA - STATION NO. 02JE002

### DEBITS QUOTIDIENS EN METRES CUBES PAR SECONDE - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.6 | 13.2 | 12.1 | 11.5 | 12.7E | 12.8E | 12.3 | 16.2 | 16.1 | 16.4 | 16.3 | 16.2 | 1 |
| 2 | 14.5 | 13.2 | 12.0 | 11.4 | 12.6E | 12.8E | 12.3 | 16.2 | 16.0 | 16.4 | 16.3 | 16.2 | 2 |
| 3 | 14.4 | 13.2 | 12.0 | 11.5 | 12.8E | 12.8E | 12.3 | 16.2 | 15.9 | 16.4 | 16.3 | 16.3 | 3 |
| 4 | 14.4 | 13.2 | 12.0 | 11.5 | 12.9E | 12.9E | 12.3 | 16.2 | 15.9 | 16.4 | 16.3 | 16.2 | 4 |
| 5 | 14.4 | 13.1 | 12.0 | 11.5 | 13.0E | 12.9 | 12.3 | 16.1 | 15.9 | 16.4 | 16.3 | 16.1 | 5 |
| 6 | 14.3 | 13.0 | 12.0 | 11.5 | 13.0E | 12.9 | 12.2 | 16.0 | 15.9 | 16.4 | 16.3 | 16.1 | 6 |
| 7 | 14.3 | 12.9 | 12.0 | 11.5 | 13.1E | 12.8 | 12.3 | 16.1 | 16.0 | 16.4 | 16.3 | 16.1 | 7 |
| 8 | 14.2 | 12.8 | 12.0 | 11.5 | 13.2E | 12.7 | 12.3 | 16.1 | 16.0 | 16.4 | 16.3 | 16.1 | 8 |
| 9 | 14.1 | 12.8 | 12.0 | 11.5 | 13.3E | 12.7 | 12.3 | 16.1 | 16.0 | 16.4 | 16.3 | 16.1 | 9 |
| 10 | 14.0 | 12.8 | 12.0 | 11.5 | 13.3E | 12.7 | 12.3 | 16.2 | 16.1 | 16.4 | 16.3 | 16.1 | 10 |
| 11 | 14.0 | 12.8 | 12.0 | 11.5 | 13.3E | 12.6 | 13.6 | 16.2 | 16.1 | 16.4 | 16.3 | 16.1 | 11 |
| 12 | 14.0 | 12.8 | 12.0 | 11.5A | 13.3E | 12.7 | 15.9 | 16.1 | 16.1 | 16.4 | 16.3 | 16.0 | 12 |
| 13 | 14.0 | 12.7 | 12.0 | 11.6E | 13.3E | 12.7 | 15.8 | 16.1 | 16.1 | 16.4 | 16.3 | 16.0 | 13 |
| 14 | 14.0 | 12.6 | 12.0 | 11.6E | 13.4E | 12.7 | 15.9 | 16.2 | 16.1 | 16.4 | 16.3 | 15.9 | 14 |
| 15 | 13.9 | 12.6 | 12.0 | 11.6E | 13.4E | 12.7 | 16.0 | 16.2 | 16.1 | 16.3 | 16.3 | 15.9 | 15 |
| 16 | 13.8 | 12.6 | 11.9 | 11.7E | 13.4E | 12.6 | 16.1 | 16.2 | 16.1 | 16.3 | 16.3 | 16.0 | 16 |
| 17 | 13.7 | 12.6 | 11.9 | 11.7E | 13.4E | 12.5 | 16.1 | 16.1 | 16.1 | 16.3 | 16.3 | 15.9 | 17 |
| 18 | 13.7 | 12.6 | 11.9 | 11.6A | 13.5E | 12.5 | 16.1 | 16.1 | 16.2 | 16.3 | 16.3 | 16.0 | 18 |
| 19 | 13.7 | 12.5 | 11.9 | 11.7 | 13.5E | 12.5 | 16.1 | 16.1 | 16.2 | 16.3 | 16.3 | 15.9E | 19 |
| 20 | 13.6 | 12.5 | 11.8 | 11.7 | 13.6E | 12.4 | 16.1 | 16.1 | 16.2 | 16.3 | 16.3 | 15.9E | 20 |
| 21 | 13.6 | 12.4 | 11.8 | 11.7 | 13.6E | 12.5 | 16.1 | 16.1 | 16.3 | 16.3 | 16.3 | 16.0E | 21 |
| 22 | 13.6 | 12.3 | 11.7 | 11.8 | 13.6E | 12.4 | 16.1 | 16.1 | 16.2 | 16.3 | 16.3 | 15.9 | 22 |
| 23 | 13.5 | 12.3 | 11.7 | 11.8 | 13.6E | 12.5 | 16.2 | 16.1 | 16.3 | 16.3 | 16.3 | 15.9 | 23 |
| 24 | 13.5 | 12.3 | 11.7 | 11.9 | 13.6A | 12.4 | 16.2 | 16.1 | 16.3 | 16.3 | 16.3 | 15.9 | 24 |
| 25 | 13.4 | 12.3 | 11.7 | 12.1 | 13.5 | 12.5 | 16.1 | 16.1 | 16.3 | 16.3 | 16.3 | 15.8E | 25 |
| 26 | 13.4 | 12.3 | 11.6 | 12.2 | 13.5 | 12.4 | 16.2 | 16.1 | 16.3 | 16.3 | 16.3 | 15.7E | 26 |
| 27 | 13.4 | 12.2 | 11.6 | 12.3 | 13.4 | 12.4 | 16.2 | 16.1 | 16.3 | 16.3 | 16.3 | 15.8E | 27 |
| 28 | 13.3 | 12.2 | 11.6 | 12.4 | 13.3 | 12.3 | 16.2 | 16.0 | 16.3 | 16.3 | 16.3 | 15.7E | 28 |
| 29 | 13.3 | | 11.6 | 12.5A | 13.1 | 12.3 | 16.2 | 16.0 | 16.4 | 16.3 | 16.3 | 15.7 | 29 |
| 30 | 13.3 | | 11.6 | 12.6E | 12.9 | 12.3 | 16.2 | 16.0 | 16.4 | 16.3 | 16.2 | 15.8 | 30 |
| 31 | 13.2 | | 11.6 | | 12.8 | | 16.2 | 16.1 | | 16.3 | | 15.6E | 31 |
| TOTAL | 429.2 | 354.8 | 367.7 | 352.4 | 411.1 | 377.9 | 458.4 | 499.6 | 484.2 | 506.7 | 488.9 | 494.9 | TOTAL |
| MOY | 13.8 | 12.7 | 11.9 | 11.7 | 13.3 | 12.6 | 14.8 | 16.1 | 16.1 | 16.3 | 16.3 | 16.0 | MOY |
| MAX | 14.6 | 13.2 | 12.1 | 12.6 | 13.6 | 12.9 | 16.2 | 16.2 | 16.4 | 16.4 | 16.3 | 16.3 | MAX |
| MIN | 13.2 | 12.2 | 11.6 | 11.4 | 12.7 | 12.3 | 12.2 | 16.0 | 15.9 | 16.3 | 16.2 | 15.6 | MIN |

SOMMAIRE POUR L'ANNEE 1990

DEBITS EN METRES CUBES PAR SECONDE

MOYEN, 14.3
MAXIMUM QUOTIDIEN, 16.4 LE SEP 29
MINIMUM QUOTIDIEN, 11.4 LE AVR 02
MAXIMUM INSTANTANE,
16.5 LE 30 JUL A 17:17 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 46 46 44 N
LONG 078 59 19 W

A - JAUGE MANUELLE

E - ESTIMATIVE
REGULARISE

DEBIT TOTAL MENSUEL
EN DECAMETRES CUBES

| | | | |
|---|---|---|---|
| JAN | 37 100 | JUL | 39 600 |
| FEV | 30 700 | AOU | 43 200 |
| MAR | 31 800 | SEP | 41 800 |
| AVR | 30 400 | OCT | 43 800 |
| MAI | 35 500 | NOV | 42 200 |
| JUN | 32 700 | DEC | 42 800 |

DEBIT TOTAL, 452 000 dam³

## HALL (RIVIERE) PRES D'EAST HEREFORD - STATION NO. 02OE018

### DEBITS QUOTIDIENS EN METRES CUBES PAR SECONDE - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.80B | 4.22B | 2.66B | 4.77 | 4.19 | 1.27 | 1.64 | 0.932 | 1.09 | 10.8 | 3.35 | 5.48 | 1 |
| 2 | 4.20B | 2.92B | 2.18B | 8.04 | 3.37 | 1.11 | 1.73 | 0.835 | 0.946 | 4.91 | 3.01 | 4.82 | 2 |
| 3 | 3.70B | 2.50B | 2.08B | 8.62 | 2.77 | 1.15 | 1.38 | 0.727 | 0.833 | 5.90 | 2.75 | 3.79 | 3 |
| 4 | 3.20B | 2.20B | 2.10B | 21.4 | 2.40 | 3.46 | 3.10 | 0.665 | 0.748 | 3.87 | 2.52 | 3.84 | 4 |
| 5 | 2.75B | 2.10B | 2.11B | 23.4 | 2.60 | 2.99 | 10.7 | 0.626 | 0.684 | 11.0 | 3.14 | 5.66 | 5 |
| 6 | 2.42B | 2.03B | 1.80B | 12.1 | 3.54 | 2.02 | 3.67 | 1.41 | 0.675 | 5.94 | 4.40 | 4.03 | 6 |
| 7 | 2.35B | 1.98B | 1.52B | 7.84 | 2.83 | 2.43 | 2.42 | 16.7 | 0.660 | 3.91 | 5.66 | 3.65 | 7 |
| 8 | 2.25 | 1.97B | 1.43B | 5.91 | 2.91 | 2.62 | 1.86 | 29.1 | 0.737 | 2.97 | 3.76 | 3.30 | 8 |
| 9 | 1.95 | 2.07B | 1.40B | 4.98 | 2.39 | 1.89 | 1.69 | 8.75 | 0.630 | 3.33 | 3.01 | 2.93 | 9 |
| 10 | 1.83 | 2.20B | 1.41B | 7.06 | 2.27 | 5.13 | 1.62 | 4.68 | 0.592 | 6.38 | 5.22 | 2.87 | 10 |
| 11 | 1.77 | 2.75B | 1.45B | 32.5 | 7.11 | 14.3 | 1.33 | 10.3 | 0.591 | 4.65 | 18.7 | 2.13 | 11 |
| 12 | 1.71 | 4.20B | 1.55B | 14.1 | 5.78 | 7.04 | 1.18 | 8.82 | 0.579 | 23.5 | 9.06 | 2.05 | 12 |
| 13 | 1.64 | 3.80B | 1.80B | 8.13 | 4.37 | 3.97 | 1.04 | 4.98 | 0.622 | 23.9 | 6.75 | 2.41 | 13 |
| 14 | 1.67 | 3.50B | 2.22B | 6.72 | 7.24 | 2.95 | 0.986 | 8.37 | 0.558 | 40.6 | 5.57 | 2.17 | 14 |
| 15 | 1.62B | 3.22B | 3.00B | 11.4 | 4.36 | 2.30 | 0.787 | 5.85 | 0.736 | 14.3 | 4.96 | 1.76 | 15 |
| 16 | 1.81B | 3.27B | 7.00B | 10.6 | 4.79 | 2.21 | 0.729 | 4.94 | 1.26 | 8.26 | 10.3 | 1.91 | 16 |
| 17 | 1.45B | 3.23B | 73.7 | 11.8 | 3.92 | 2.71 | 0.648 | 3.51 | 0.945 | 6.11 | 24.2 | 1.89 | 17 |
| 18 | 1.43B | 3.03B | 60.1 | 10.2 | 5.42 | 1.94 | 1.17 | 2.61 | 0.802 | 5.23 | 12.8 | 1.82 | 18 |
| 19 | 1.52B | 2.90B | 23.8 | 6.91 | 6.37 | 1.85 | 0.974 | 2.22 | 0.766 | 29.5 | 7.83 | 4.31 | 19 |
| 20 | 1.75B | 2.70B | 15.4 | 6.97 | 6.10 | 1.69 | 0.713 | 1.80 | 1.04 | 14.2 | 5.88 | 3.24 | 20 |
| 21 | 1.92B | 2.87 | 11.5 | 19.1 | 4.60 | 2.26 | 1.02 | 1.54 | 1.36 | 8.13 | 4.92 | 2.64 | 21 |
| 22 | 2.50B | 2.65 | 9.05 | 13.2 | 4.93 | 3.48 | 0.883 | 1.38 | 1.11 | 6.68 | 4.21 | 11.6 | 22 |
| 23 | 3.50B | 2.70B | 11.1 | 9.94 | 5.00 | 3.54 | 11.4 | 1.23 | 2.16 | 6.58 | 5.45 | 30.6 | 23 |
| 24 | 4.00B | 2.85B | 8.48 | 7.54 | 3.82 | 5.81 | 11.7 | 1.11 | 1.66 | 55.3 | 7.06 | 21.2 | 24 |
| 25 | 4.65B | 3.35B | 6.47 | 6.89 | 3.05 | 3.05 | 4.46 | 1.04 | 1.22 | 23.5 | 5.82 | 14.6 | 25 |
| 26 | 5.00B | 3.75B | 5.25 | 6.42 | 2.59 | 2.18 | 2.69 | 0.954 | 0.963 | 11.4 | 4.85 | 8.43 | 26 |
| 27 | 5.59B | 3.50B | 4.14 | 6.30 | 2.25 | 1.70 | 1.98 | 0.849 | 0.852 | 7.93 | 3.87 | 5.52 | 27 |
| 28 | 5.80B | 3.22B | 3.74 | 5.63 | 1.93 | 1.48 | 1.79 | 0.808 | 0.756 | 6.14 | 9.39 | 4.46 | 28 |
| 29 | 5.65B | | 3.28 | 5.83 | 1.75 | 1.33 | 1.57 | 3.49 | 0.605 | 5.49 | 13.2 | 5.03 | 29 |
| 30 | 5.30B | | 2.86 | 5.15 | 1.65 | 1.27 | 1.28 | 1.87 | 1.33 | 4.51 | 7.57 | 20.7 | 30 |
| 31 | 4.99B | | 2.99 | | 1.47 | | 1.08 | 1.31 | | 3.92 | | 16.7 | 31 |
| TOTAL | 93.72 | 81.68 | 275.59 | 309.45 | 117.75 | 91.53 | 78.920 | 133.406 | 27.590 | 368.37 | 209.21 | 207.54 | TOTAL |
| MOY | 3.02 | 2.92 | 8.89 | 10.3 | 3.80 | 3.05 | 2.55 | 4.30 | 0.920 | 11.9 | 6.97 | 6.69 | MOY |
| MAX | 5.80 | 4.22 | 71.7 | 32.5 | 7.24 | 14.3 | 11.7 | 29.1 | 2.16 | 55.3 | 24.2 | 30.6 | MAX |
| MIN | 1.43 | 1.97 | 1.40 | 4.77 | 1.47 | 1.11 | 0.648 | 0.626 | 0.558 | 2.97 | 2.52 | 1.76 | MIN |

DEBITS EN METRES CUBES PAR SECONDE

MOYEN, 5.47
MAXIMUM QUOTIDIEN, 71.7 LE MAR 17
MINIMUM QUOTIDIEN, 0.558 LE SEP 14
MAXIMUM INSTANTANE,
95.0 LE 17 MAR A 21:02 HNE

SOMMAIRE POUR L'ANNEE 1990

STATION INTERNATIONALES DE JAUGEAGE
TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 49 02 41 N
LONG 071 29 54 W

BASSIN VERSANT, 220 km²

B - GLACES

DEBIT NATUREL

DEBIT TOTAL MENSUEL
EN DECAMETRES CUBES

| | | | |
|---|---|---|---|
| JAN | 8 100 | JUL | 6 820 |
| FEV | 7 060 | AOU | 11 500 |
| MAR | 23 800 | SEP | 2 380 |
| AVR | 26 700 | OCT | 31 800 |
| MAI | 10 200 | NOV | 18 100 |
| JUN | 7 910 | DEC | 17 900 |

DEBIT TOTAL, 172 000 dam³

## KIPAWA (LAC) A LANIEL - STATION NO. 02JE017

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 68.938 | 68.289 | 67.779 | 67.595 | 68.209 | 69.505 | 69.622 | 69.576 | 69.493 | 69.565E | 69.489 | 69.527 | 1 |
| 2 | 68.923 | 68.267 | 67.767 | 67.589 | 68.275 | 69.519 | 69.615 | 69.580 | 69.481 | 69.575A | 69.479 | 69.511 | 2 |
| 3 | 68.901 | 68.247E | 67.767 | 67.590 | 68.339 | 69.525 | 69.616 | 69.571 | 69.483 | 69.582 | 69.466 | 69.501 | 3 |
| 4 | 68.877 | 68.233E | 67.773 | 67.595 | 68.403 | 69.518 | 69.617 | 69.573 | 69.478 | 69.573 | 69.458 | 69.497 | 4 |
| 5 | 68.853 | 68.217E | 67.775 | 67.606 | 68.471 | 69.532 | 69.607 | 69.572 | 69.479 | 69.549 | 69.456 | 69.487 | 5 |
| 6 | 68.828 | 68.200 | 67.775 | 67.614 | 68.545 | 69.547 | 69.601 | 69.560 | 69.453 | 69.535 | 69.460 | 69.477 | 6 |
| 7 | 68.815 | 68.184 | 67.778 | 67.619 | 68.634 | 69.560 | 69.606 | 69.574 | 69.443 | 69.524 | 69.462 | 69.473 | 7 |
| 8 | 68.796 | 68.165 | 67.777 | 67.617 | 68.720 | 69.579 | 69.611 | 69.584 | 69.453 | 69.514 | 69.455 | 69.454 | 8 |
| 9 | 68.767 | 68.143 | 67.773 | 67.606 | 68.798 | 69.589 | 69.595 | 69.581 | 69.454 | 69.505 | 69.434 | 69.439 | 9 |
| 10 | 68.728 | 68.123 | 67.771 | 67.613 | 68.878 | 69.591 | 69.573 | 69.568 | 69.453 | 69.512 | 69.437 | 69.410 | 10 |
| 11 | 68.724 | 68.103 | 67.774 | 67.603 | 68.926 | 69.605 | 69.575 | 69.559 | 69.447 | 69.515 | 69.424 | 69.424 | 11 |
| 12 | 68.690 | 68.086 | 67.773 | 67.613 | 68.985 | 69.620 | 69.562 | 69.555 | 69.446 | 69.507 | 69.409 | 69.433 | 12 |
| 13 | 68.671 | 68.071 | 67.768 | 67.617 | 69.020 | 69.640 | 69.561 | 69.559 | 69.444 | 69.500 | 69.399 | 69.417 | 13 |
| 14 | 68.652 | 68.044 | 67.759 | 67.611 | 69.057 | 69.648 | 69.571 | 69.554 | 69.450 | 69.498 | 69.405 | 69.424 | 14 |
| 15 | 68.633 | 68.029 | 67.754 | 67.607 | 69.087 | 69.654 | 69.572 | 69.552 | 69.472 | 69.493 | 69.390 | 69.420 | 15 |
| 16 | 68.608 | 68.009 | 67.754 | 67.613 | 69.125 | 69.662 | 69.576 | 69.548 | 69.475 | 69.497 | 69.383 | 69.418 | 16 |
| 17 | 68.596 | 67.988E | 67.744 | 67.625 | 69.161 | 69.674 | 69.579 | 69.547 | 69.473 | 69.502 | 69.386 | 69.418 | 17 |
| 18 | 68.576 | 67.981E | 67.734 | 67.634 | 69.219 | 69.676 | 69.583 | 69.530 | 69.483 | 69.519 | 69.393 | 69.403 | 18 |
| 19 | 68.558 | 67.963 | 67.715 | 67.636 | 69.267 | 69.680 | 69.576 | 69.532 | 69.493 | 69.504 | 69.380 | 69.396 | 19 |
| 20 | 68.537 | 67.954 | 67.694 | 67.641 | 69.295 | 69.685 | 69.573 | 69.533 | 69.494 | 69.533 | 69.370 | 69.394 | 20 |
| 21 | 68.510 | 67.937 | 67.673 | 67.646 | 69.307 | 69.669 | 69.571 | 69.538 | 69.520 | 69.544 | 69.375 | 69.381 | 21 |
| 22 | 68.499 | 67.910 | 67.665 | 67.672 | 69.315 | 69.643 | 69.574 | 69.530 | 69.549 | 69.546 | 69.381 | 69.369 | 22 |
| 23 | 68.476 | 67.887 | 67.650 | 67.703 | 69.328 | 69.649 | 69.577 | 69.527 | 69.549 | 69.553 | 69.378 | 69.353 | 23 |
| 24 | 68.462 | 67.863 | 67.643 | 67.747 | 69.337 | 69.642 | 69.576 | 69.532 | 69.572 | 69.555 | 69.372 | 69.338 | 24 |
| 25 | 68.442 | 67.847 | 67.628 | 67.794 | 69.343 | 69.651 | 69.568 | 69.530 | 69.574 | 69.542 | 69.375 | 69.330 | 25 |
| 26 | 68.424 | 67.838 | 67.604 | 67.860 | 69.364 | 69.640 | 69.569 | 69.517 | 69.584 | 69.536 | 69.382 | 69.314 | 26 |
| 27 | 68.411 | 67.812 | 67.602 | 67.922 | 69.389 | 69.628 | 69.561 | 69.509 | 69.567 | 69.535 | 69.404 | 69.299 | 27 |
| 28 | 68.384 | 67.790 | 67.585 | 67.996 | 69.398 | 69.632 | 69.564 | 69.511 | 69.547 | 69.512 | 69.442 | 69.281 | 28 |
| 29 | 68.361 | | 67.583 | 68.072 | 69.412 | 69.634 | 69.554 | 69.517 | 69.535E | 69.510 | 69.473 | 69.265 | 29 |
| 30 | 68.335 | | 67.590 | 68.143 | 69.441 | 69.636 | 69.559 | 69.517 | 69.532E | 69.506 | 69.510 | 69.236 | 30 |
| 31 | 68.302 | | 67.592 | | 69.474 | | 69.567 | 69.511 | | 69.493 | | 69.221 | 31 |
| MOY | 68.622 | 68.042 | 67.710 | 67.693 | 69.017 | 69.614 | 69.582 | 69.547 | 69.496 | 69.527 | 69.422 | 69.397 | MOY |
| MAX | 68.938 | 68.289 | 67.779 | 68.143 | 69.474 | 69.685 | 69.622 | 69.584 | 69.584 | 69.582 | 69.510 | 69.527 | MAX |
| MIN | 68.302 | 67.790 | 67.583 | 67.589 | 68.209 | 69.505 | 69.554 | 69.509 | 69.443 | 69.493 | 69.370 | 69.221 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 68.979
MAXIMUM QUOTIDIEN, 69.685 LE JUN 20
MINIMUM QUOTIDIEN, 67.583 LE MAR 29
MAXIMUM INSTANTANE,
69.689 LE 20 JUN A 03:30 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 47 02 30 N
LONG 079 16 12 W

A - JAUGE MANUELLE

E - ESTIMATIVE

REGULARISE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 200.000 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

REMAQUES - AUTREFOIS LE NOM ETE "AU BARRAGE DE KIPAWA."

## KIPAWA (RIVIERE) EN AVAL DE LAMIEL - STATION NO. 02JE015

### DEBITS QUOTIDIENS EN METRES CUBES PAR SECONDE - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 125 | 101 | 60.4 | 83.5 | 167 | 89.9 | 127 | 50.5 | 24.3 | 30.2 | 140 | 205 | 1 |
| 2 | 125 | 100 | 22.6 | 83.0 | 171 | 125 | 128 | 50.9 | 24.0 | 57.1 | 130 | 288 | 2 |
| 3 | 123 | 99.9 | 22.5 | 82.9 | 177 | 125 | 116 | 50.7 | 24.0 | 76.3 | 129 | 287 | 3 |
| 4 | 122 | 99.3 | 22.4 | 83.2 | 154 | 125 | 99.7 | 50.6 | 24.0 | 109 | 129 | 286 | 4 |
| 5 | 122 | 98.8 | 22.6 | 84.1 | 106 | 90.8 | 99.2 | 50.6 | 23.8 | 113 | 129 | 285 | 5 |
| 6 | 121 | 97.9 | 22.5 | 84.3 | 80.5 | 74.1 | 99.0 | 50.6 | 23.8 | 87.5 | 129 | 284 | 6 |
| 7 | 120 | 97.3 | 22.7 | 84.4 | 45.8 | 74.3 | 99.2 | 50.9 | 17.3 | 86.7 | 130 | 283 | 7 |
| 8 | 119 | 97.1 | 22.6 | 84.4 | 46.1 | 75.1 | 99.5 | 50.7 | 10.4 | 86.3 | 129 | 281 | 8 |
| 9 | 118 | 95.8 | 22.6 | 84.4 | 49.9 | 75.6 | 99.0 | 50.5 | 10.5 | 85.8 | 129 | 280 | 9 |
| 10 | 116 | 95.4 | 22.5 | 84.3 | 74.7 | 75.6 | 97.7 | 50.1 | 10.5 | 85.9 | 127 | 241 | 10 |
| 11 | 116 | 94.5 | 22.5 | 84.1 | 122 | 76.1 | 97.9 | 49.5 | 10.4 | 86.3 | 126 | 179 | 11 |
| 12 | 114 | 94.0 | 36.4 | 84.7 | 125 | 76.7 | 97.4 | 49.8 | 10.4 | 85.9 | 125 | 179 | 12 |
| 13 | 114 | 93.3 | 64.1 | 84.8 | 126 | 77.5 | 71.7 | 49.8 | 10.4 | 85.2 | 124 | 178 | 13 |
| 14 | 113 | 92.0 | 63.9 | 84.5 | 128 | 77.8 | 50.1 | 49.4 | 11.0 | 85.0 | 124 | 179 | 14 |
| 15 | 113 | 91.5 | 64.4 | 84.7 | 129 | 77.8 | 50.2 | 48.8 | 10.8 | 84.9 | 123 | 179 | 15 |
| 16 | 112 | 91.1 | 95.8 | 85.1 | 130 | 78.0 | 50.3 | 37.2 | 10.6 | 84.9 | 123 | 178 | 16 |
| 17 | 111 | 90.3 | 132 | 85.4 | 132 | 78.5 | 50.5 | 25.6 | 10.5 | 85.6 | 123 | 178 | 17 |
| 18 | 110 | 90.1 | 133 | 85.7 | 136 | 97.9 | 51.0 | 25.4 | 10.5 | 87.1 | 123 | 177 | 18 |
| 19 | 110 | 89.3 | 132 | 86.2 | 174 | 128 | 50.6 | 25.3 | 10.7 | 87.1 | 122 | 176 | 19 |
| 20 | 109 | 88.8 | 130 | 86.5 | 220 | 164 | 50.5 | 25.1 | 10.7 | 87.8 | 122 | 176 | 20 |
| 21 | 108 | 88.4 | 129 | 87.5 | 221 | 193 | 50.6 | 25.0 | 10.7 | 87.8 | 122 | 175 | 21 |
| 22 | 107 | 87.5 | 128 | 89.2 | 222 | 166 | 50.6 | 24.9 | 10.9 | 88.1 | 123 | 174 | 22 |
| 23 | 107 | 86.1 | 127 | 90.9 | 223 | 129 | 50.6 | 24.8 | 10.8 | 88.4 | 122 | 173 | 23 |
| 24 | 107 | 85.7 | 127 | 117 | 223 | 129 | 50.7 | 24.8 | 10.8 | 108 | 122 | 172 | 24 |
| 25 | 106 | 85.0 | 126 | 141 | 193 | 129 | 50.6 | 24.7 | 10.8 | 134 | 122 | 171 | 25 |
| 26 | 106 | 84.8 | 124 | 145 | 141 | 129 | 50.5 | 24.8 | 10.8 | 134 | 123 | 170 | 26 |
| 27 | 105 | 84.3 | 124 | 149 | 142 | 128 | 50.5 | 24.7 | 10.8 | 134 | 125 | 169 | 27 |
| 28 | 105 | 83.5 | 103 | 152 | 143 | 128 | 50.7 | 24.8 | 10.7 | 132 | 129 | 168 | 28 |
| 29 | 104 | | 83.0 | 157 | 106 | 128 | 50.3 | 24.7 | 10.7 | 132 | 131 | 167 | 29 |
| 30 | 103 | | 83.0 | 162 | 70.4 | 128 | 50.4 | 24.6 | 10.9 | 132 | 133 | 164 | 30 |
| 31 | 102 | | 83.3 | | 71.6 | | 50.7 | 24.5 | | 131 | | 164 | 31 |
| TOTAL | 3 493 | 2 582.7 | 2 377.8 | 2 980.6 | 4 252.0 | 3 257.7 | 2 240.7 | 1 164.2 | 406.5 | 2 966.9 | 3 778 | 6 366 | TOTAL |
| MOY | 113 | 92.2 | 76.7 | 99.4 | 137 | 109 | 72.3 | 37.6 | 13.6 | 95.7 | 126 | 205 | MOY |
| MAX | 125 | 101 | 135 | 162 | 223 | 193 | 128 | 50.9 | 24.3 | 134 | 133 | 288 | MAX |
| MIN | 102 | 83.5 | 22.4 | 82.9 | 45.8 | 74.1 | 50.1 | 24.5 | 10.4 | 30.2 | 122 | 164 | MIN |

DEBITS EN METRES CUBES PAR SECONDE

MOYEN, 98.3
MAXIMUM QUOTIDIEN, 288 LE DEC 02
MINIMUM QUOTIDIEN, 10.4 LE SEP 08
MAXIMUM INSTANTANÉ,
290 LE 01 DÉC A 19:12 HNE

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 47 04 05 N
LONG 079 18 36 W

REGULARISE

DEBIT TOTAL MENSUEL
EN DECAMETRES CUBES

| | | | |
|---|---|---|---|
| JAN | 302 000 | JUL | 194 000 |
| FEV | 223 000 | AOU | 101 000 |
| MAR | 205 000 | SEP | 35 100 |
| AVR | 258 000 | OCT | 256 000 |
| MAI | 367 000 | NOV | 326 000 |
| JUN | 281 000 | DEC | 550 000 |

DEBIT TOTAL, 3 100 000 dam³

## LAFLAMME (LAC) A LA FORET DE MONTMORENCY - STATION NO. 02PD017

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.386 | 0.397 | 0.377 | 0.388 | 0.602 | 0.411 | 0.422 | 0.393 | 0.411 | 0.455 | 0.431 | 0.448 | 1 |
| 2 | 0.388 | 0.396 | 0.377 | 0.388 | 0.589 | 0.410 | 0.414 | 0.393 | 0.407 | 0.458 | 0.432 | 0.433 | 2 |
| 3 | 0.389 | 0.397 | 0.377 | 0.388 | 0.515 | 0.414 | 0.412 | 0.390 | 0.402 | 0.452 | 0.429 | 0.427 | 3 |
| 4 | 0.391 | 0.396 | 0.377 | 0.392 | 0.477 | 0.437 | 0.413 | 0.390 | 0.397 | 0.447 | 0.434 | 0.426 | 4 |
| 5 | 0.390 | 0.395 | 0.377 | 0.410 | 0.467 | 0.453 | 0.413 | 0.389 | 0.393 | 0.490 | 0.440 | 0.428 | 5 |
| 6 | 0.389 | 0.390 | 0.376 | 0.409 | 0.463 | 0.449 | 0.412 | 0.388 | 0.392 | 0.487 | 0.442 | 0.426 | 6 |
| 7 | 0.389 | 0.388 | 0.376 | 0.404 | 0.461 | 0.438 | 0.409 | 0.395 | 0.393 | 0.482 | 0.446 | 0.420 | 7 |
| 8 | 0.389 | 0.383 | 0.377 | 0.396 | 0.457 | 0.435 | 0.405 | 0.411 | 0.393 | 0.486 | 0.433 | 0.417 | 8 |
| 9 | 0.390 | 0.382 | 0.377 | 0.389 | 0.462 | 0.430 | 0.404 | 0.414 | 0.392 | 0.492 | 0.426 | 0.409 | 9 |
| 10 | 0.389 | 0.382 | 0.376 | 0.386 | 0.501 | 0.433 | 0.406 | 0.410 | 0.390 | 0.511 | 0.427 | 0.405 | 10 |
| 11 | 0.390 | 0.386 | 0.373 | 0.386 | 0.643 | 0.443 | 0.404 | 0.408 | 0.390 | 0.504 | 0.438 | 0.403 | 11 |
| 12 | 0.390 | 0.386 | 0.372 | 0.387 | 0.557 | 0.444 | 0.400 | 0.409 | 0.389 | 0.529 | 0.441 | 0.404 | 12 |
| 13 | 0.392 | 0.386 | 0.376E | 0.386 | 0.500 | 0.435 | 0.398 | 0.408 | 0.387 | 0.561 | 0.437 | 0.404 | 13 |
| 14 | 0.390 | 0.386 | 0.376E | 0.383 | 0.472 | 0.429 | 0.393 | 0.413 | 0.388 | 0.608 | 0.436 | 0.403 | 14 |
| 15 | 0.390 | 0.387 | 0.376E | 0.381 | 0.465 | 0.426 | 0.390 | 0.414 | 0.390 | 0.557 | 0.433 | 0.402 | 15 |
| 16 | 0.391 | 0.387 | 0.376E | 0.382 | 0.460 | 0.426 | 0.395 | 0.412 | 0.393 | 0.514 | 0.432 | 0.395 | 16 |
| 17 | 0.393 | 0.387 | 0.376E | 0.386 | 0.456 | 0.427 | 0.402 | 0.408 | 0.392 | 0.490 | 0.442 | 0.391 | 17 |
| 18 | 0.415 | 0.386 | 0.376E | 0.389 | 0.469 | 0.445 | 0.405 | 0.418 | 0.394 | 0.482 | 0.442 | 0.393 | 18 |
| 19 | 0.420 | 0.385 | 0.383E | 0.387 | 0.477 | 0.515 | 0.418 | 0.419 | 0.394 | 0.487 | 0.441 | 0.393 | 19 |
| 20 | 0.418 | 0.386 | 0.376E | 0.382 | 0.476 | 0.507 | 0.421 | 0.416 | 0.394 | 0.484 | 0.430 | 0.391 | 20 |
| 21 | 0.412 | 0.385 | 0.383E | 0.382 | 0.460 | 0.481 | 0.416 | 0.412 | 0.396 | 0.467 | 0.424 | 0.393 | 21 |
| 22 | 0.402 | 0.381 | 0.383E | 0.381 | 0.451 | 0.474 | 0.408 | 0.405 | 0.395 | 0.458 | 0.424 | 0.392 | 22 |
| 23 | 0.400 | 0.380 | 0.390E | 0.382 | 0.441 | 0.471 | 0.404 | 0.399 | 0.406 | 0.455 | 0.422 | 0.411 | 23 |
| 24 | 0.400 | 0.378 | 0.409 | 0.385 | 0.435 | 0.469 | 0.405 | 0.395 | 0.410 | 0.450 | 0.421 | 0.419 | 24 |
| 25 | 0.400 | 0.378 | 0.403 | 0.393 | 0.434 | 0.465 | 0.404 | 0.392 | 0.412 | 0.449 | 0.419 | 0.420 | 25 |
| 26 | 0.417 | 0.378 | 0.398 | 0.425 | 0.432 | 0.450 | 0.404 | 0.390 | 0.415 | 0.444 | 0.419 | 0.419 | 26 |
| 27 | 0.420 | 0.378 | 0.395 | 0.507 | 0.430 | 0.443 | 0.401 | 0.389 | 0.412 | 0.438 | 0.418 | 0.406 | 27 |
| 28 | 0.407 | 0.377 | 0.393 | 0.591 | 0.428 | 0.439 | 0.397 | 0.394 | 0.413 | 0.436 | 0.429 | 0.404 | 28 |
| 29 | 0.403 | | 0.393 | 0.570 | 0.427 | 0.432 | 0.392 | 0.439 | 0.411 | 0.436 | 0.447 | 0.399 | 29 |
| 30 | 0.401 | | 0.393 | 0.565 | 0.423 | 0.427 | 0.388 | 0.433 | 0.422 | 0.435 | 0.451 | 0.397 | 30 |
| 31 | 0.401 | | 0.388 | | 0.416 | | 0.386 | 0.420 | | 0.430 | | 0.397 | 31 |
| MOY | 0.398 | 0.386 | 0.382 | 0.413 | 0.476 | 0.445 | 0.405 | 0.405 | 0.399 | 0.480 | 0.433 | 0.409 | MOY |
| MAX | 0.420 | 0.397 | 0.409 | 0.591 | 0.643 | 0.515 | 0.422 | 0.439 | 0.422 | 0.608 | 0.451 | 0.448 | MAX |
| MIN | 0.386 | 0.377 | 0.372 | 0.381 | 0.416 | 0.410 | 0.386 | 0.388 | 0.387 | 0.430 | 0.418 | 0.391 | MIN |

NIVEAUX EN METRES

MOYEN, 0.419
MAXIMUM QUOTIDIEN, 0.643 LE MAI 11
MINIMUM QUOTIDIEN, 0.372 LE MAR 12
MAXIMUM INSTANTANÉ,
0.671 LE 11 MAI A 13:05 HNE

PLAN DE REFERENCE : ARBITRAIRE

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 47 19 25 N
LONG 071 07 35 W

A - JAUGE MANUELLE
E - ESTIMATIVE
DEBIT NATUREL

BASSIN VERSANT,
0.69 km²

## LAFLAMME (RUISSEAU) A LA SORTIE DU LAC LAFLAMME - STATION NO. 02PD018

DEBITS QUOTIDIENS EN METRES CUBES PAR SECONDE - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.007E | 0.003 | 0.004E | 0.149 | 0.014 | 0.014E | 0.007 | 0.013 | 0.028E | 0.015 | 0.025 | 1 |
| 2 | 0.008 | 0.007E | 0.004 | 0.004E | 0.131 | 0.014 | 0.012E | 0.005 | 0.010 | 0.028E | 0.015 | 0.021 | 2 |
| 3 | 0.008 | 0.007E | 0.004 | 0.004E | 0.075 | 0.018 | 0.011E | 0.005 | 0.010 | 0.028E | 0.016 | 0.017 | 3 |
| 4 | 0.008 | 0.006E | 0.004 | 0.005E | 0.051 | 0.035 | 0.017E | 0.005 | 0.008 | 0.028E | 0.021 | 0.024 | 4 |
| 5 | 0.009 | 0.006E | 0.004 | 0.010E | 0.046 | 0.039 | 0.015E | 0.004 | 0.009 | 0.049E | 0.023 | 0.023 | 5 |
| 6 | 0.008 | 0.005E | 0.003 | 0.010 | 0.047 | 0.029 | 0.012E | 0.006 | 0.008 | 0.048E | 0.024 | 0.019 | 6 |
| 7 | 0.007 | 0.005 | 0.003 | 0.008 | 0.047 | 0.025 | 0.010E | 0.010 | 0.008 | 0.046E | 0.025 | 0.016 | 7 |
| 8 | 0.007 | 0.005 | 0.003 | 0.006 | 0.041 | 0.023 | 0.009 | 0.016E | 0.007 | 0.048E | 0.020 | 0.014 | 8 |
| 9 | 0.006 | 0.005 | 0.003 | 0.005 | 0.050 | 0.020 | 0.012 | 0.014E | 0.006 | 0.050E | 0.017 | 0.013 | 9 |
| 10 | 0.006 | 0.005 | 0.003 | 0.005 | 0.070 | 0.027 | 0.012E | 0.011E | 0.006 | 0.066E | 0.016 | 0.013 | 10 |
| 11 | 0.006 | 0.005 | 0.003 | 0.003 | 0.082 | 0.032 | 0.009E | 0.013E | 0.006 | 0.062E | 0.021 | 0.012 | 11 |
| 12 | 0.006 | 0.005 | 0.003 | 0.006 | 0.078 | 0.024 | 0.007E | 0.014 | 0.006 | 0.081E | 0.018 | 0.012 | 12 |
| 13 | 0.006 | 0.005 | 0.003 | 0.006 | 0.065 | 0.020 | 0.006E | 0.014E | 0.006 | 0.106E | 0.017 | 0.013 | 13 |
| 14 | 0.004 | 0.005 | 0.003 | 0.005 | 0.050 | 0.017 | 0.004E | 0.011E | 0.007 | 0.149E | 0.015 | 0.013 | 14 |
| 15 | 0.004 | 0.005 | 0.003 | 0.006 | 0.045 | 0.018 | 0.003 | 0.011E | 0.009 | 0.104E | 0.014 | 0.012 | 15 |
| 16 | 0.005 | 0.004 | 0.003 | 0.006 | 0.044 | 0.017 | 0.007 | 0.011E | 0.010 | 0.067E | 0.014 | 0.011 | 16 |
| 17 | 0.006 | 0.004 | 0.003 | 0.006 | 0.040 | 0.016 | 0.008 | 0.010E | 0.009 | 0.048 | 0.022 | 0.011 | 17 |
| 18 | 0.014E | 0.004 | 0.003 | 0.006 | 0.054 | 0.028 | 0.007 | 0.012E | 0.008 | 0.045 | 0.016 | 0.012 | 18 |
| 19 | 0.015E | 0.004 | 0.004 | 0.006 | 0.060 | 0.069 | 0.014 | 0.012E | 0.007 | 0.052 | 0.016 | 0.014 | 19 |
| 20 | 0.014E | 0.004 | 0.003 | 0.006 | 0.050 | 0.058 | 0.009 | 0.012E | 0.008 | 0.046 | 0.014 | 0.012 | 20 |
| 21 | 0.011E | 0.004 | 0.004 | 0.007 | 0.039 | 0.043 | 0.007 | 0.012E | 0.008 | 0.037 | 0.013 | 0.010 | 21 |
| 22 | 0.008E | 0.004 | 0.003 | 0.008 | 0.033 | 0.045 | 0.005 | 0.010 | 0.008 | 0.034 | 0.012 | 0.012 | 22 |
| 23 | 0.008E | 0.005E | 0.005E | 0.009 | 0.028 | 0.042 | 0.005 | 0.009 | 0.014 | 0.031 | 0.014 | 0.024 | 23 |
| 24 | 0.008E | 0.008E | 0.008E | 0.011 | 0.024 | 0.046 | 0.006 | 0.008 | 0.015 | 0.028 | 0.014 | 0.027 | 24 |
| 25 | 0.008E | 0.008E | 0.008E | 0.014 | 0.021 | 0.038 | 0.006 | 0.007 | 0.014 | 0.025 | 0.015 | 0.021 | 25 |
| 26 | 0.013E | 0.008E | 0.008E | 0.030 | 0.020 | 0.029E | 0.005 | 0.007 | 0.013 | 0.023 | 0.015 | 0.018 | 26 |
| 27 | 0.014E | 0.006E | 0.006E | 0.062 | 0.019 | 0.024E | 0.003 | 0.008 | 0.012 | 0.021 | 0.014 | 0.014 | 27 |
| 28 | 0.009E | 0.004E | 0.005E | 0.101 | 0.019 | 0.024E | 0.003 | 0.013 | 0.011 | 0.019 | 0.023 | 0.013 | 28 |
| 29 | 0.009E | | 0.005E | 0.103 | 0.021 | 0.023E | 0.003 | 0.032 | 0.011 | 0.019 | 0.034 | 0.013 | 29 |
| 30 | 0.008E | | 0.005E | 0.110 | 0.018 | 0.022E | 0.002 | 0.023 | 0.016 | 0.017 | 0.032 | 0.014 | 30 |
| 31 | 0.008E | | 0.006E | | 0.015 | | 0.003 | 0.016 | | 0.016 | | 0.014 | 31 |
| TOTAL | 0.260 | 0.150 | 0.128 | 0.572 | 1.532 | 0.879 | 0.246 | 0.348 | 0.285 | 1.449 | 0.548 | 0.487 | TOTAL |
| MOY | 0.008 | 0.005 | 0.004 | 0.019 | 0.049 | 0.029 | 0.008 | 0.011 | 0.010 | 0.047 | 0.018 | 0.016 | MOY |
| MAX | 0.015 | 0.008 | 0.008 | 0.110 | 0.149 | 0.069 | 0.017 | 0.032 | 0.016 | 0.149 | 0.034 | 0.027 | MAX |
| MIN | 0.004 | 0.004 | 0.003 | 0.003 | 0.015 | 0.014 | 0.002 | 0.004 | 0.006 | 0.016 | 0.012 | 0.010 | MIN |

SOMMAIRE POUR L'ANNEE 1990

DEBITS EN METRES CUBES PAR SECONDE

MOYEN, 0.019
MAXIMUM QUOTIDIEN, 0.149 LE MAI 01
MINIMUM QUOTIDIEN, 0.002 LE JUL 30
MAXIMUM INSTANTANE,
0.669 LE 01 MAI A 19:03 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 47 19 27 N
LONG 071 07 37 W
BASSIN VERSANT, 0.69 km²

E - ESTIMATIVE
DEBIT NATUREL

DEBIT TOTAL MENSUEL
EN DECAMETRES CUBES

| | | | |
|---|---|---|---|
| JAN | 22.5 | JUL | 21.2 |
| FEV | 13.0 | AOU | 30.1 |
| MAR | 11.1 | SEP | 24.6 |
| AVR | 49.4 | OCT | 125 |
| MAI | 132 | NOV | 47.3 |
| JUN | 75.9 | DEC | 42.1 |

DEBIT TOTAL, 594 dam³

## MASCOUCHE (RIVIERE) PRES DE SAINT-JANVIER - STATION NO. 020A030

DEBITS QUOTIDIENS EN METRES CUBES PAR SECONDE - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.70 B | 0.470B | 0.275B | 1.29 | --- | --- | --- | 0.097 | 0.059 | 0.792 | 0.224 | 0.549 | 1 |
| 2 | 1.60 B | 0.487B | 0.261B | 1.89 | --- | --- | --- | 0.076 | 0.058 | 0.575 | 0.198 | 0.408 | 2 |
| 3 | 1.50 B | 0.390B | 0.240B | 2.36 | --- | --- | --- | 0.101 | 0.054 | 0.374 | 0.166 | 0.376 | 3 |
| 4 | 1.30 B | 0.340B | 0.225B | 10.5 | --- | --- | --- | 0.066 | 0.051 | 0.909 | 0.161 | 0.293 | 4 |
| 5 | 1.20 B | 0.310B | 0.215B | 3.68 | --- | --- | --- | 0.056 | 0.058 | 1.03 | 0.172 | 0.349 | 5 |
| 6 | 1.00 B | 0.290B | 0.205B | 1.89 | --- | --- | --- | 0.140 | 0.058 | 0.459 | 2.65 | 0.348 | 6 |
| 7 | 0.930B | 0.270B | 0.200B | --- | --- | --- | --- | 0.272 | 0.056 | 0.302 | 1.32 | 0.325 | 7 |
| 8 | 0.650B | 0.260B | 0.200B | --- | --- | --- | --- | 0.124 | 0.050 | 0.243 | 0.669 | 0.317 | 8 |
| 9 | 0.510B | 0.260B | 0.200B | --- | --- | --- | --- | 0.085 | 0.051 | 0.416 | 0.473 | 0.300 | 9 |
| 10 | 0.450B | 0.270B | 0.205B | --- | --- | --- | --- | 0.074 | 0.051 | 0.693 | 0.432 | 0.290 | 10 |
| 11 | 0.400B | 0.320B | 0.210B | --- | --- | --- | --- | 0.064 | 0.053 | 0.704 | 0.416 | 0.317 | 11 |
| 12 | 0.380B | 0.300B | 0.220B | --- | --- | --- | --- | 0.058 | 0.051 | 1.37 | 0.359 | 0.282B | 12 |
| 13 | 0.350B | 0.280B | 0.500B | --- | --- | --- | --- | 0.198 | 0.051 | 2.11 | 0.329 | 0.200B | 13 |
| 14 | 0.320B | 0.260B | 0.900B | --- | --- | --- | --- | 0.176 | 0.053 | 1.47 | 0.267 | 0.195B | 14 |
| 15 | 0.300B | 0.250B | 0.970B | --- | --- | --- | --- | 0.091 | 0.115 | 0.715 | 0.302 | 0.190B | 15 |
| 16 | 0.360B | 0.240B | 3.49 B | --- | --- | --- | --- | 0.084 | 0.064 | 0.500 | 0.550 | 0.190B | 16 |
| 17 | 0.340B | 0.235B | 8.44 | --- | --- | --- | --- | 0.073 | 0.048 | 0.417 | 2.58 | 0.190B | 17 |
| 18 | 0.380B | 0.230B | 7.17 | --- | --- | --- | --- | 0.504 | 0.049 | 0.522 | 0.821 | 0.200B | 18 |
| 19 | 0.800B | 0.250B | 5.10 | --- | --- | --- | --- | 0.299 | 0.049 | 1.03 | 0.591 | 0.230B | 19 |
| 20 | 0.930B | 0.260B | 3.78 | --- | --- | --- | --- | 0.138 | 0.118 | 0.550 | 0.465 | 0.410B | 20 |
| 21 | 0.910B | 0.290B | 3.85 | --- | --- | --- | --- | 0.107 | 0.055 | 0.424 | 0.505 | 0.390B | 21 |
| 22 | 0.860B | 0.270B | 3.80 | --- | --- | --- | --- | 0.086 | 0.094 | 0.382 | 0.496 | 0.956 | 22 |
| 23 | 0.770B | 0.840B | 5.05 | --- | --- | --- | --- | 0.087 | 0.112 | 0.344 | 1.39 | 4.20 | 23 |
| 24 | 0.700B | 0.540B | 2.34 | --- | --- | --- | 0.286A | 0.081 | 0.098 | 0.333 | 0.850 | 2.35 | 24 |
| 25 | 0.650B | 0.460B | 1.28 | --- | --- | --- | --- | 0.069 | 0.062 | 0.302 | 0.823 | 1.60 | 25 |
| 26 | 0.580B | 0.400B | 0.909 | --- | --- | --- | --- | 0.060 | 0.057 | 0.351 | 0.852 | 1.06 | 26 |
| 27 | 0.540B | 0.370B | 0.759 | --- | --- | --- | --- | 0.096 | 0.077 | 0.294 | 0.994 | 0.985 | 27 |
| 28 | 0.520B | 0.360B | 0.612 | --- | --- | --- | --- | 0.071 | 0.053 | 0.270 | 1.75 | 0.617 | 28 |
| 29 | 0.490B | | 0.563 | --- | --- | --- | --- | 0.130 | 0.196 | 0.256 | 1.14 | 0.920 | 29 |
| 30 | 0.480B | | 0.522 | --- | --- | --- | --- | 0.068 | 1.57 | 0.228 | 0.697 | 1.38 | 30 |
| 31 | 0.470B | | 0.532 | | --- | | --- | 0.066 | | 0.220 | | 1.94 | 31 |
| TOTAL | 22.380 | 9.502 | 53.223 | --- | --- | --- | --- | 3.697 | 3.571 | 18.585 | 22.706 | 24.437 | TOTAL |
| MOY | 0.722 | 0.339 | 1.72 | --- | --- | --- | --- | 0.119 | 0.119 | 0.600 | 0.757 | 0.788 | MOY |
| MAX | 1.70 | 0.840 | 8.44 | --- | --- | --- | --- | 0.504 | 1.57 | 2.11 | 2.65 | 4.20 | MAX |
| MIN | 0.300 | 0.230 | 0.200 | --- | --- | --- | --- | 0.056 | 0.048 | 0.220 | 0.161 | 0.190 | MIN |

SOMMAIRE POUR L'ANNEE 1990

DEBITS EN METRES CUBES PAR SECONDE

MAXIMUM QUOTIDIEN, 10.5 LE AVR 04

MAXIMUM INSTANTANE,
16.2 LE 04 AVR A 11:44 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 41 30 N
LONG 073 56 17 W
BASSIN VERSANT, 18.9 km²
A - JAUGE MANUELLE
B - GLACES

DEBIT NATUREL

DEBIT TOTAL MENSUEL
EN DECAMETRES CUBES

| | | | |
|---|---|---|---|
| JAN | 1 930 | JUL | --- |
| FEV | 821 | AOU | 319 |
| MAR | 4 600 | SEP | 309 |
| AVR | --- | OCT | 1 610 |
| MAI | --- | NOV | 1 960 |
| JUN | --- | DEC | 2 110 |

## MEMPHREMAGOG (LAC) A MAGOG - STATION NO. 02OE012

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 207.459 | 207.636 | 207.439 | 207.941 | 208.038A | 207.988 | 207.927 | 207.831 | 207.710 | 207.541 | 207.961 | 208.026 | 1 |
| 2 | 207.450 | 207.633 | 207.417 | 207.956 | 208.047A | 207.967 | 207.942 | 207.820 | 207.689 | 207.560 | 207.973 | 208.022 | 2 |
| 3 | 207.436 | 207.636 | 207.400 | 207.973 | 208.025A | 207.963 | 207.955 | 207.809 | 207.675 | 207.573 | 207.967 | 208.020 | 3 |
| 4 | 207.424 | 207.644 | 207.393 | 208.025 | 208.016A | 207.961 | 207.961 | 207.792 | 207.678 | 207.604 | 207.973 | 208.046 | 4 |
| 5 | 207.418 | 207.651 | 207.379 | 208.117 | 208.008A | 207.947 | 207.966 | 207.782 | 207.652 | 207.630 | 207.962 | 208.047 | 5 |
| 6 | 207.413 | 207.646 | 207.365 | 208.158 | 208.025A | 207.943 | 207.989 | 207.780 | 207.633 | 207.651 | 207.984 | 208.029 | 6 |
| 7 | 207.407 | 207.634 | 207.351 | 208.156 | 208.038A | 207.931 | 207.998 | 207.804 | 207.610 | 207.644 | 207.979 | 207.999 | 7 |
| 8 | 207.396 | 207.623 | 207.337 | 208.134 | 208.047A | 207.914 | 208.008 | 207.832 | 207.607 | 207.649 | 207.968 | 207.973 | 8 |
| 9 | 207.384 | 207.615 | 207.319 | 208.102 | 208.066 | 207.914 | 208.009 | 207.857 | 207.609 | 207.653 | 207.972 | 207.962 | 9 |
| 10 | 207.371 | 207.629 | 207.304 | 208.071 | 208.052 | 207.918 | 207.970 | 207.870 | 207.591 | 207.670 | 207.986 | 207.945 | 10 |
| 11 | 207.364 | 207.658 | 207.295 | 208.101 | 208.064 | 207.924 | 207.927 | 207.999 | 207.573 | 207.688 | 208.076 | 207.947 | 11 |
| 12 | 207.359 | 207.669 | 207.295 | 208.130 | 208.058 | 207.954 | 207.891 | 208.017 | 207.566 | 207.731 | 208.125 | 207.941 | 12 |
| 13 | 207.357 | 207.666 | 207.321 | 208.118 | 208.055 | 207.963 | 207.880 | 208.003 | 207.551 | 207.779 | 208.139 | 207.943 | 13 |
| 14 | 207.355 | 207.651 | 207.363 | 208.088 | 208.060 | 207.966 | 207.876 | 208.009 | 207.561 | 207.837 | 208.124 | 207.927 | 14 |
| 15 | 207.350 | 207.637 | 207.433 | 208.060 | 208.063 | 207.953 | 207.874 | 207.993 | 207.556 | 207.892 | 208.115 | 207.923 | 15 |
| 16 | 207.346 | 207.633 | 207.538 | 208.024 | 208.057 | 207.945 | 207.894 | 207.953 | 207.539 | 207.926 | 208.105 | 207.916 | 16 |
| 17 | 207.347 | 207.622 | 207.683 | 208.004 | 208.056 | 207.943 | 207.886 | 207.926 | 207.524 | 207.942 | 208.126 | 207.915 | 17 |
| 18 | 207.375 | 207.602 | 207.854 | 208.012 | 208.064 | 207.955 | 207.883 | 207.890 | 207.511 | 207.966 | 208.148 | 207.916 | 18 |
| 19 | 207.424 | 207.584 | 207.976 | 208.021 | 208.062 | 207.944 | 207.870 | 207.856 | 207.502 | 208.024 | 208.141 | 207.924 | 19 |
| 20 | 207.454 | 207.558 | 208.037 | 208.035 | 208.051 | 207.950 | 207.865 | 207.846 | 207.505 | 208.026 | 208.124 | 207.924 | 20 |
| 21 | 207.478 | 207.534 | 208.092 | 208.047 | 208.049 | 207.957 | 207.856 | 207.835 | 207.502 | 208.046 | 208.090 | 207.929 | 21 |
| 22 | 207.504 | 207.508 | 208.107 | 208.062 | 208.044 | 207.959 | 207.842 | 207.818 | 207.512 | 208.029 | 208.061 | 207.941 | 22 |
| 23 | 207.514 | 207.508 | 208.104 | 208.068 | 208.045 | 207.963 | 207.835 | 207.802 | 207.520 | 208.018 | 208.022 | 208.012 | 23 |
| 24 | 207.510 | 207.510 | 208.103 | 208.071 | 208.050 | 207.973 | 207.882 | 207.794 | 207.523 | 208.089 | 208.003 | 208.131 | 24 |
| 25 | 207.515 | 207.506 | 208.083 | 208.069 | 208.048 | 207.973 | 207.911 | 207.781 | 207.516 | 208.164 | 207.993 | 208.178 | 25 |
| 26 | 207.536 | 207.493 | 208.047 | 208.053 | 208.042 | 207.974 | 207.929 | 207.767 | 207.507 | 208.161 | 207.954 | 208.182 | 26 |
| 27 | 207.561 | 207.477 | 208.001 | 208.050 | 208.036 | 207.963 | 207.930 | 207.756 | 207.501 | 208.152 | 207.978 | 208.154 | 27 |
| 28 | 207.584 | 207.461 | 207.964 | 208.048 | 208.028 | 207.940 | 207.923 | 207.743 | 207.498 | 208.127 | 207.986 | 208.118 | 28 |
| 29 | 207.590 | | 207.951 | 208.074A | 207.999 | 207.934 | 207.913 | 207.740 | 207.490 | 208.058 | 207.999 | 208.094 | 29 |
| 30 | 207.622 | | 207.947 | 208.056A | 207.981 | 207.923 | 207.905 | 207.731 | 207.514 | 208.018 | 208.012 | 208.108 | 30 |
| 31 | 207.630 | | 207.946 | | 207.988 | | 207.874 | 207.719 | | 207.977 | | 208.163 | 31 |
| MOY | 207.450 | 207.594 | 207.672 | 208.061 | 208.041 | 207.950 | 207.916 | 207.852 | 207.564 | 207.865 | 208.035 | 208.011 | MOY |
| MAX | 207.630 | 207.669 | 208.107 | 208.158 | 208.066 | 207.988 | 208.009 | 208.017 | 207.710 | 208.164 | 208.148 | 208.182 | MAX |
| MIN | 207.346 | 207.461 | 207.295 | 207.941 | 207.981 | 207.914 | 207.842 | 207.719 | 207.490 | 207.541 | 207.954 | 207.915 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 207.835
MAXIMUM QUOTIDIEN, 208.182 LE DEC 26
MINIMUM QUOTIDIEN, 207.295 LE MAR 11
MAXIMUM INSTANTANE,
208.222 LE 26 DEC A 08:30 HNE

STATION INTERNATIONALES DE JAUGEAGE
TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 16 01 N
LONG 072 09 38 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : SERVICE GEODESIQUE DU CANADA (ANCIEN DATUM)
AJOUTER .040 m POUR OBTENIR LES COTES GEODESIQUES

## MILLE ILES (RIVIERE DES) A BOIS-DES-FILION - STATION NO. 02OA003

### DEBITS QUOTIDIENS EN METRES CUBES PAR SECONDE - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 185B | 230B | 154 B | 345 | 583 | 289 | 153 | 77.3 | 41.6 | 91.5A | 284 | 390 | 1 |
| 2 | 192B | 215B | 148 B | 344 | 592 | 252 | 171 | 70.7 | 40.6 | 109 A | 274 | 432 | 2 |
| 3 | 195B | 228B | 140 B | 352 | 564 | 239 | 181 | 68.6 | 38.7 | 117 A | 269 | 448 | 3 |
| 4 | 190B | 225B | 134 B | 453 | 555 | 246 | 191 | 60.9 | 36.9 | 113 | 260 | 471 | 4 |
| 5 | 190B | 222B | 122 B | 621 | 526 | 226 | 186 | 54.6 | 34.4 | 134 | 247 | 565 | 5 |
| 6 | 190B | 225B | 125 B | 681 | 450 | 206 | 172 | 57.1 | 32.1 | 134 | 248 | 569 | 6 |
| 7 | 190B | 225B | 128 | 599 | 405 | 199 | 158 | 71.2 | 30.5 | 115 | 325 | 513 | 7 |
| 8 | 190B | 225B | 119 | 509 | 377 | 197 | 152 | 76.5 | 31.0 | 94.5 | 304 | 456 | 8 |
| 9 | 190B | 228B | 106 | 417 | 334 | 167 | 147 | 73.8 | 30.7 | 98.6 | 302 | 466 | 9 |
| 10 | 190B | 230B | 97.0 | 381 | 272 | 141 | 137 | 67.2 | 32.1 | 120 | 295 | 457 | 10 |
| 11 | 188B | 235B | 94.8 | 409 | 286 | 126 | 116 | 56.6 | 33.1 | 144 | 304 | 433 | 11 |
| 12 | 185B | 240B | 100 | 473 | 275 | 129 | 107 | 51.3 | 32.7 | 202 | 292 | 416 | 12 |
| 13 | 180B | 235B | 121 | 500 | 232 | 131 | 110 | 46.9 | 31.4 | 229 | 282 | 415 | 13 |
| 14 | 177B | 230B | 131 | 474 | 208 | 123 | 125 | 45.6 | 30.3 | 271 | 249 | 417 | 14 |
| 15 | 176B | 220B | 193 | 442 | 203 | 117 | 126 | 30.7 | 36.1 | 284 | 214 | 389 | 15 |
| 16 | 188B | 210B | 294 | 456 | 189 | 115 | 131 | 31.5 | 41.5 | 355 | 194 | 380 | 16 |
| 17 | 200B | 205B | 406 | 467 | 174 | 117 | 138 | 33.6 | 36.2 | 298 | 202 | 330 | 17 |
| 18 | 240B | 200B | 560 | 456 | 225 | 120 | 133 | 37.3 | 35.7 | 282 | 215 | 311 | 18 |
| 19 | 250B | 195B | 597 | 433 | 252 | 122 | 133 | 40.5 | 34.2 | 344 | 187 | 297 | 19 |
| 20 | 260B | 196B | 583 | 389 | 242 | 109 | 128 | 41.3 | 34.7 | 336 | 188 | 322 | 20 |
| 21 | 210B | 200 | 566 | 386 | 245 | 103 | 137 | 44.7 | 40.4 | 311 | 202 | 356 | 21 |
| 22 | 205B | 185 | 549 | 415 | 237 | 112 | 129 | 45.9 | 40.0 | 321 | 203 | 318 | 22 |
| 23 | 227B | 174 | 544 | 437 | 197 | 116 | 117 | 43.9 | 38.9 | 284 | 201 | 342 | 23 |
| 24 | 212B | 166B | 544 | 426 | 181 | 131 | 128 | 43.4 | 39.6 | 257 | 565 | 429 | 24 |
| 25 | 238B | 165B | 540 | 461 | 393 | 143 | 132 | 44.4 | 42.3A | 288 | 292 | 453 | 25 |
| 26 | 245B | 162B | 534 | 502 | 387 | 140 | 129 | 44.9 | 45.2A | 298 | 310 | 440 | 26 |
| 27 | 250B | 160B | 492 | 521 | 367 | 147 | 119 | 45.7 | 53.3A | 297 | 282 | 439 | 27 |
| 28 | 250B | 158B | 437 | 519 | 356 | 135 | 107 | 46.8 | 41.9A | 280 | 310 | 439 | 28 |
| 29 | 248B | | 428 | 536 | 315 | 125 | 96.2 | 46.4 | 45.5A | 303 | 368 | 422 | 29 |
| 30 | 246B | | 408 | 564 | 301 | 130 | 84.4 | 44.9 | 69.6A | 304 | 376 | 392 | 30 |
| 31 | 244B | | 377 | | 297 | | 77.9 | 43.2 | | 299 | | 474 | 31 |
| TOTAL | 6 543 | 5 821 | 9 791.8 | 13 962 | 10 614 | 4 656 | 4 157.5 | 1 587.4 | 1 161.2 | 7 101.6 | 7 961 | 12 980 | TOTAL |
| MOY | 211 | 208 | 316 | 465 | 342 | 155 | 134 | 51.2 | 38.7 | 229 | 265 | 419 | MOY |
| MAX | 260 | 240 | 597 | 681 | 592 | 289 | 191 | 77.3 | 69.6 | 355 | 376 | 569 | MAX |
| MIN | 177 | 156 | 94.8 | 344 | 174 | 103 | 77.9 | 30.7 | 30.3 | 91.5 | 187 | 297 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

DEBITS EN METRES CUBES PAR SECONDE

MOYEN, 237
MAXIMUM QUOTIDIEN, 681 LE AVR 06
MINIMUM QUOTIDIEN, 30.3 LE SEP 14
MAXIMUM INSTANTANE,
699 LE 06 AVR A 12:09 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 39 47 N
LONG 073 45 09 W

A - JAUGE MANUELLE
B - GLACES

REGULARISE

DEBIT TOTAL MENSUEL
EN DECAMETRES CUBES

| | | | |
|---|---|---|---|
| JAN | 565 000 | JUL | 359 000 |
| FEV | 503 000 | AOU | 137 000 |
| MAR | 846 000 | SEP | 100 000 |
| AVR | 1 210 000 | OCT | 614 000 |
| MAI | 917 000 | NOV | 688 000 |
| JUN | 402 000 | DEC | 1 120 000 |

DEBIT TOTAL, 7 460 000 dam³

REMAQUES - LES NIVEAUX D'EAU D'AVANT 1961 N'ONT PAS ETE ENREGISTRES A CETTE STATION

OUTAOUAIS (RIVIERE DES) A CARILLON (AMONT) - STATION NO. 02LB026

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 0.514 | 0.584 | 0.586 | 0.179 | 0.588 | 0.615 | 0.633 | 0.635 | 0.636 | 0.593 | 0.627 | 1 |
| 2 | --- | 0.612 | 0.585 | 0.616 | 0.211 | 0.608 | 0.622 | 0.610 | 0.630 | 0.638 | 0.607 | 0.616 | 2 |
| 3 | --- | 0.499 | 0.553 | 0.616 | 0.119 | 0.618 | 0.624 | 0.637 | 0.610 | 0.610 | 0.616 | 0.611 | 3 |
| 4 | 0.606A | 0.558 | 0.536 | 0.546 | 0.005 | 0.607 | 0.603 | 0.647 | 0.627 | 0.623 | 0.629 | 0.386 | 4 |
| 5 | 0.610 | 0.566 | 0.597 | 0.060 | 0.206 | 0.615 | 0.618 | 0.644 | 0.610 | 0.611 | 0.612 | 0.473 | 5 |
| 6 | 0.624 | 0.514 | 0.571 | -.321 | 0.474 | 0.613 | 0.619 | 0.631 | 0.635 | 0.601 | 0.617 | 0.334 | 6 |
| 7 | 0.597 | 0.560 | 0.542 | -.098 | 0.606 | 0.611 | 0.620 | 0.596 | 0.626 | 0.619 | 0.563 | 0.369 | 7 |
| 8 | 0.487 | 0.538 | 0.545 | 0.239 | 0.467 | 0.592 | 0.608 | 0.626 | 0.634 | 0.624 | 0.622 | 0.567 | 8 |
| 9 | 0.394 | 0.606 | 0.592 | 0.505 | 0.590 | 0.606 | 0.611 | 0.625 | 0.624 | 0.624 | 0.584 | 0.556 | 9 |
| 10 | 0.538 | 0.560 | 0.591 | 0.596 | 0.588 | 0.618 | 0.608 | 0.612 | 0.613 | 0.612 | 0.606 | 0.482 | 10 |
| 11 | 0.555 | 0.535 | 0.556 | 0.539 | 0.605 | 0.617 | 0.632 | 0.629 | 0.623 | 0.625 | 0.621 | 0.637 | 11 |
| 12 | 0.597 | 0.527 | 0.465 | 0.502 | 0.574 | 0.623 | 0.624 | 0.612 | 0.612 | 0.621 | 0.625 | 0.561 | 12 |
| 13 | 0.511 | 0.604 | 0.545 | 0.321 | 0.579 | 0.613 | 0.623 | 0.618 | 0.614 | 0.610 | 0.631 | 0.621 | 13 |
| 14 | 0.625 | 0.400 | 0.591 | 0.421 | 0.598 | 0.612 | 0.604 | 0.627 | 0.637 | 0.607 | 0.605 | 0.619 | 14 |
| 15 | 0.448 | 0.619 | 0.505 | 0.614 | 0.595 | 0.628 | 0.618 | 0.627 | 0.650 | 0.586 | 0.582 | 0.607 | 15 |
| 16 | 0.615 | 0.628 | 0.588 | --- | 0.595 | 0.606 | 0.615 | 0.633 | 0.631 | 0.589 | 0.573 | 0.602 | 16 |
| 17 | 0.480 | 0.547 | 0.362 | 0.618A | 0.611 | 0.614 | 0.625 | 0.642 | 0.629 | 0.620 | 0.604 | 0.601 | 17 |
| 18 | 0.626 | 0.505 | 0.155 | 0.539 | 0.630 | 0.641 | 0.628 | 0.638 | 0.621 | 0.625 | 0.528 | 0.567 | 18 |
| 19 | 0.538 | 0.592 | 0.127 | 0.582 | 0.635 | 0.606 | 0.626 | 0.626 | 0.614 | 0.680 | 0.629 | 0.607 | 19 |
| 20 | 0.587 | 0.525 | 0.137 | 0.610 | 0.611 | 0.622 | 0.641 | 0.616 | 0.608 | 0.652 | 0.634 | 0.601 | 20 |
| 21 | 0.618 | 0.570 | 0.156 | 0.573 | 0.617 | 0.627 | 0.616 | 0.612 | 0.588 | 0.621 | 0.555 | 0.594A | 21 |
| 22 | 0.587 | 0.610 | 0.251 | 0.490 | 0.622 | 0.620 | 0.642 | 0.615 | 0.624 | 0.608 | 0.572 | --- | 22 |
| 23 | 0.576 | 0.607 | 0.267 | 0.587 | 0.610 | 0.621 | 0.647 | 0.627 | 0.638 | 0.617 | 0.621 | --- | 23 |
| 24 | 0.584 | 0.610 | 0.314 | 0.508 | 0.605 | 0.619 | 0.653 | 0.651 | 0.616 | 0.622 | 0.634 | --- | 24 |
| 25 | 0.579 | 0.524 | 0.304 | 0.532 | 0.596 | 0.624 | 0.614 | 0.617 | 0.621 | 0.604 | 0.627 | --- | 25 |
| 26 | 0.605 | 0.502 | 0.321 | 0.401 | 0.602 | 0.629 | 0.622 | 0.622 | 0.621 | 0.611 | 0.630 | --- | 26 |
| 27 | 0.599 | 0.612 | 0.337 | 0.487 | 0.607 | 0.622 | 0.617 | 0.627 | 0.638 | 0.606 | 0.614 | --- | 27 |
| 28 | 0.617 | 0.605 | 0.337 | 0.418 | 0.588 | 0.609 | 0.615 | 0.614 | 0.635 | 0.626 | 0.622 | --- | 28 |
| 29 | 0.602 | | 0.416 | 0.332 | 0.597 | 0.623 | 0.615 | 0.608 | 0.630 | 0.610 | 0.615 | 0.561 | 29 |
| 30 | 0.550 | | 0.425 | 0.309 | 0.606 | 0.624 | 0.632 | 0.623 | 0.645 | 0.625 | 0.619 | 0.591 | 30 |
| 31 | 0.556 | | 0.520 | | 0.600 | | 0.614 | 0.630 | | 0.623 | | 0.126 | 31 |
| MOY | --- | 0.558 | 0.444 | --- | 0.520 | 0.616 | 0.619 | 0.624 | 0.625 | 0.619 | 0.606 | --- | MOY |
| MAX | --- | 0.628 | 0.597 | --- | 0.635 | 0.641 | 0.641 | 0.647 | 0.650 | 0.680 | 0.634 | --- | MAX |
| MIN | --- | 0.400 | 0.127 | --- | 0.005 | 0.588 | 0.603 | 0.596 | 0.588 | 0.586 | 0.528 | --- | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 0.680 LE OCT 19
MINIMUM QUOTIDIEN, -.321 LE AVR 06
MAXIMUM INSTANTANE
0.758 LE 25 NOV A 13:47 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 34 10 N
LONG 074 23 00 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 40.538 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

OUTAOUAIS (RIVIERE DES) A CARILLON (AVAL) - STATION NO. 02LB025

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.754 | 0.974 | 0.721 | 1.147 | 1.673A | 0.856A | 0.597 | 0.309 | 0.192 | 0.299 | 0.871 | 1.181 | 1 |
| 2 | 0.723 | 0.950 | 0.663 | 1.149 | --- | --- | 0.620 | 0.313 | 0.206 | 0.332 | 0.829 | 1.282 | 2 |
| 3 | 0.722 | 0.924 | 0.698 | 1.175 | 1.591 | --- | 0.622 | 0.266 | 0.194 | 0.334 | 0.813 | 1.394 | 3 |
| 4 | 0.734 | 0.965 | 0.654 | 1.451 | 1.547 | 0.765A | 0.643 | 0.247 | 0.128 | 0.337 | 0.780 | 1.506 | 4 |
| 5 | 0.756 | 1.019 | 0.569 | 1.841 | 1.320 | 0.699A | 0.610 | 0.278 | 0.124 | 0.347 | 0.789 | 1.528 | 5 |
| 6 | 0.778 | 0.950 | 0.579 | 1.877 | 1.233 | 0.699 | 0.556 | 0.350 | 0.095 | 0.313 | 0.847 | 1.485 | 6 |
| 7 | 0.794 | 0.948 | 0.557 | 1.626 | 1.146 | 0.685 | 0.533 | 0.382 | 0.126 | 0.296 | 0.924 | 1.345 | 7 |
| 8 | 0.778 | 0.902 | 0.501 | 1.368 | 1.139 | 0.636 | 0.508 | 0.343 | 0.117 | 0.327 | 0.909 | 1.296 | 8 |
| 9 | 0.783 | 1.030A | 0.430 | 1.204 | 0.942 | 0.524 | 0.478 | 0.329 | 0.126 | 0.400 | 0.920 | 1.333 | 9 |
| 10 | 0.834 | 0.938A | 0.414 | 1.191 | 0.885 | 0.489 | 0.410 | 0.286 | 0.129 | 0.520 | 0.912 | 1.191 | 10 |
| 11 | 0.871 | --- | 0.439 | 1.303 | 0.861 | 0.474 | 0.361 | 0.235 | 0.120 | 0.600 | 0.825 | 1.229 | 11 |
| 12 | 0.818 | --- | 0.508 | 1.344 | 0.843 | 0.453 | 0.434 | 0.222 | 0.103 | 0.665 | 0.770 | 1.228 | 12 |
| 13 | 0.739 | 0.970 | 0.496 | 1.378 | 0.765 | 0.421 | 0.465 | 0.218 | 0.118 | 0.726 | 0.790 | 1.178 | 13 |
| 14 | 0.730 | 0.919 | 0.698 | 1.263 | 0.713 | 0.396 | 0.483 | 0.243 | 0.120 | 0.786 | 0.673 | 1.149 | 14 |
| 15 | 0.831 | 1.010 | 1.020 | 1.199 | 0.724 | 0.375 | 0.460 | 0.236 | 0.104 | 0.749 | 0.626 | 1.097 | 15 |
| 16 | 0.804 | 0.868 | 1.183 | 1.257 | 0.676 | 0.407 | 0.501 | 0.244 | 0.053 | 0.650 | 0.590 | 1.058 | 16 |
| 17 | 0.849 | 0.855 | 1.250 | 1.244 | 0.675 | 0.377 | 0.463 | 0.244 | 0.070 | 0.613 | 0.651 | 1.036 | 17 |
| 18 | 0.877 | 0.904 | 1.235 | 1.238 | 0.641 | 0.355 | 0.479 | 0.279 | 0.067 | 0.658 | 0.591 | 0.990 | 18 |
| 19 | 0.999 | --- | 1.892 | 1.187 | 0.735 | 0.392 | 0.450 | 0.323 | 0.075 | 0.657 | 0.574 | 0.986 | 19 |
| 20 | 0.930 | --- | 1.877 | 1.130 | 0.757 | 0.354 | 0.477 | 0.318 | 0.122 | 0.698 | 0.600 | 0.957 | 20 |
| 21 | 0.978 | 0.793 | 1.806 | 1.171 | 0.791 | 0.358 | 0.518 | 0.289 | 0.120 | 0.761 | 0.674 | 0.993 | 21 |
| 22 | 0.945 | 0.667 | 1.736 | 1.253 | 0.860 | 0.401 | 0.471 | 0.256 | 0.083 | 0.797 | 0.609 | 1.056 | 22 |
| 23 | 0.897 | 0.705 | 1.722 | 1.247 | 0.930 | 0.402 | 0.494 | 0.264 | 0.103 | 0.813 | 0.756 | 1.154 | 23 |
| 24 | 0.927 | 0.763 | 1.747 | 1.343A | 0.976 | 0.428 | 0.541 | 0.295 | 0.141 | 0.874 | 0.825 | 1.339 | 24 |
| 25 | 0.917 | 0.852 | 1.751 | 1.439 | 1.260A | 0.415 | 0.536 | 0.256 | 0.128 | 0.912 | 0.854 | 1.366 | 25 |
| 26 | 0.935 | 0.822 | 1.662 | 1.529 | 1.169 | 0.465 | 0.505 | 0.246 | 0.134 | 0.914 | 0.879 | 1.317 | 26 |
| 27 | 0.968 | 0.789 | 1.491 | 1.500 | 1.203 | 0.453 | 0.470 | 0.238 | 0.143 | 0.900 | 0.898 | 1.242 | 27 |
| 28 | 0.974 | 0.711 | 1.446 | 1.390 | 1.216A | 0.415 | 0.430 | 0.235 | 0.163 | 0.887 | 0.994 | 1.191 | 28 |
| 29 | 0.951 | | 1.424 | 1.654 | 1.236A | 0.428 | 0.384 | 0.223 | 0.192 | 0.922 | 1.056 | 1.169 | 29 |
| 30 | 0.966 | | 1.347 | 1.675 | --- | 0.510 | 0.348 | 0.206 | 0.239 | 0.906 | 1.099 | 1.251 | 30 |
| 31 | 0.976 | | 1.217 | | 0.933A | | 0.359 | 0.191 | | 0.890 | | 1.572 | 31 |
| MOY | 0.859 | --- | 1.116 | 1.366 | --- | --- | 0.491 | 0.269 | 0.128 | 0.641 | 0.797 | 1.229 | MOY |
| MAX | 0.999 | --- | 1.892 | 1.877 | --- | --- | 0.643 | 0.382 | 0.239 | 0.922 | 1.099 | 1.572 | MAX |
| MIN | 0.722 | --- | 0.414 | 1.130 | --- | --- | 0.348 | 0.191 | 0.053 | 0.296 | 0.574 | 0.957 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 1.892 LE MAR 19
MINIMUM QUOTIDIEN, 0.053 LE SEP 16
MAXIMUM INSTANTANE
1.978 LE 19 MAR A 09:33 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 34 05 N
LONG 074 22 47 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 21.427 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

## OUTAOUAIS (RIVIERE DES) A GRENVILLE - STATION NO. 02LB001

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.690 | 0.807 | 0.731 | 0.848 | 0.805 | 0.746 | 0.702 | 0.648 | 0.640 | 0.656 | 0.750 | 0.904 | 1 |
| 2 | 0.683 | 0.797 | 0.743 | 0.881 | 0.750 | 0.760 | 0.710 | 0.629 | 0.635 | 0.667 | 0.755 | 0.927 | 2 |
| 3 | 0.735 | 0.783 | 0.711 | 0.862 | 0.731 | 0.766 | 0.724 | 0.645 | 0.610 | 0.631 | 0.755 | 0.858 | 3 |
| 4 | 0.748 | 0.818 | 0.688 | 0.959 | 0.631 | 0.734 | 0.695 | 0.657 | 0.624 | 0.655 | 0.758 | 0.886 | 4 |
| 5 | 0.748 | 0.765 | 0.689 | 0.845 | 0.587 | 0.731 | 0.699 | 0.663 | 0.606 | 0.633 | 0.733 | 0.905 | 5 |
| 6 | 0.751 | 0.798 | 0.717 | 0.577 | 0.780 | 0.725 | 0.689 | 0.658 | 0.632 | 0.617 | 0.808 | 0.761 | 6 |
| 7 | 0.743 | 0.767 | 0.656 | 0.508 | 0.846 | 0.712 | 0.691 | 0.621 | 0.620 | 0.639 | 0.736 | 0.845 | 7 |
| 8 | 0.754 | 0.790 | 0.657 | --- | 0.734 | 0.669 | 0.670 | 0.645 | 0.631 | 0.657 | 0.777 | 0.914 | 8 |
| 9 | 0.785 | 0.788 | 0.659 | --- | 0.754 | 0.659 | 0.673 | 0.642 | 0.630 | 0.675 | 0.762 | 0.909 | 9 |
| 10 | 0.741 | 0.836 | 0.679 | --- | 0.761 | 0.675 | 0.645 | 0.617 | 0.617 | 0.690 | 0.770 | 0.886 | 10 |
| 11 | 0.656 | 0.838 | 0.669 | 0.897 | 0.772 | 0.665 | 0.675 | 0.635 | 0.624 | 0.738 | 0.752 | 0.879 | 11 |
| 12 | 0.625 | 0.809 | 0.591 | 0.879 | 0.711 | 0.670 | 0.686 | 0.614 | 0.614 | 0.717 | 0.743 | 0.851 | 12 |
| 13 | 0.701 | 0.778 | 0.632 | 0.725 | 0.708 | 0.649 | 0.681 | 0.621 | 0.619 | 0.725 | 0.718 | 0.886 | 13 |
| 14 | 0.758 | 0.832 | 0.805 | 0.719 | 0.715 | 0.649 | 0.671 | 0.633 | 0.646 | 0.724 | 0.684 | 0.818 | 14 |
| 15 | 0.722 | 0.741 | 0.857 | 0.880 | 0.715 | 0.667 | 0.675 | 0.632 | 0.644 | 0.693 | 0.662 | 0.811 | 15 |
| 16 | 0.801 | 0.794 | 0.935 | 0.895 | 0.694 | 0.656 | 0.687 | 0.642 | 0.618 | 0.657 | 0.673 | 0.802 | 16 |
| 17 | 0.714 | 0.826 | 0.945 | 0.897 | 0.728 | 0.657 | 0.655A | 0.648 | 0.618 | 0.704 | 0.664 | 0.797 | 17 |
| 18 | 0.791 | 0.760 | 0.870 | 0.856 | 0.758 | 0.682 | --- | 0.648 | 0.612 | 0.733 | 0.653 | 0.826 | 18 |
| 19 | 0.760 | 0.705 | 0.884 | 0.834 | 0.765 | 0.640 | 0.670A | 0.644 | 0.613 | 0.777 | 0.706 | 0.864 | 19 |
| 20 | 0.827 | 0.742 | 0.874 | 0.858 | 0.768 | 0.655 | 0.685A | 0.631 | 0.611 | 0.754 | 0.706 | 0.920 | 20 |
| 21 | 0.808 | 0.712 | 0.833 | 0.867 | 0.799 | 0.666 | --- | 0.622 | 0.584 | 0.754 | 0.657 | 0.953 | 21 |
| 22 | 0.786 | 0.729 | 0.866 | 0.836 | 0.853 | 0.662 | --- | 0.626 | 0.620 | 0.719 | 0.693 | 0.928 | 22 |
| 23 | 0.812 | 0.775 | 0.984 | 0.861 | 0.891 | 0.665 | 0.656A | 0.636 | 0.647 | 0.752 | 0.763 | 0.950 | 23 |
| 24 | 0.817 | 0.798 | 1.054 | 0.926 | 0.897 | 0.664 | 0.674 | 0.621 | 0.613 | 0.783 | 0.703 | 0.981 | 24 |
| 25 | 0.805 | 0.775 | 0.972 | 0.928 | 0.887 | 0.663 | 0.671 | 0.627 | 0.627 | 0.773 | 0.787 | 0.945 | 25 |
| 26 | 0.826 | 0.733 | 0.898 | 0.851 | 0.869 | 0.690 | 0.670 | 0.630 | 0.628 | 0.766 | 0.761 | 0.932 | 26 |
| 27 | 0.834 | 0.699 | 0.931 | 0.897 | 0.860 | 0.664 | 0.662 | 0.634 | 0.644 | 0.761 | 0.796 | 0.906 | 27 |
| 28 | 0.850 | 0.757 | 0.933 | 0.905 | 0.829 | 0.648 | 0.653 | 0.623 | 0.642 | 0.793 | 0.836 | 0.879 | 28 |
| 29 | 0.836 | | 0.827 | 0.859 | 0.822 | 0.678 | 0.646 | 0.616 | 0.640 | 0.782 | 0.828 | 0.879 | 29 |
| 30 | 0.860 | | 0.777 | 0.851 | 0.815 | 0.698 | 0.662 | 0.627 | 0.676 | 0.790 | 0.852 | 0.946 | 30 |
| 31 | 0.834 | | 0.806 | | 0.776 | | 0.640 | 0.633 | | 0.779 | | 0.761 | 31 |
| MOY | 0.768 | 0.777 | 0.803 | --- | 0.775 | 0.682 | --- | 0.635 | 0.626 | 0.717 | 0.744 | 0.878 | MOY |
| MAX | 0.860 | 0.838 | 1.054 | --- | 0.897 | 0.766 | --- | 0.663 | 0.676 | 0.793 | 0.852 | 0.981 | MAX |
| MIN | 0.625 | 0.699 | 0.591 | --- | 0.587 | 0.640 | --- | 0.614 | 0.584 | 0.617 | 0.653 | 0.761 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 1.054 LE MAR 24
MINIMUM QUOTIDIEN, 0.508 LE AVR 07
MAXIMUM INSTANTANE,
1.084 LE 23 MAR A 13:38 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 37 52 N
LONG 074 36 32 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 40.538 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

## OUTAOUAIS (RIVIERE DES) A HULL - STATION NO. 02LA015

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 41.809 | 42.131 | 41.868 | 42.058 | 42.356 | 41.779 | 41.589 | 41.356 | 41.321 | 41.344 | 41.826 | 42.210 | 1 |
| 2 | 41.795 | 42.125 | 41.893 | 42.082 | 42.327 | 41.821 | 41.581 | 41.323 | 41.315 | 41.373 | 41.825 | 42.316 | 2 |
| 3 | 41.831 | 42.101 | 41.875 | 42.062 | 42.338 | 41.752 | 41.593 | 41.315 | 41.278 | 41.361 | 41.789 | 42.498 | 3 |
| 4 | 41.854 | 42.169 | 41.770 | 42.255 | 42.246 | 41.730 | 41.591 | 41.352 | 41.280 | 41.401 | 41.768 | 42.567 | 4 |
| 5 | 41.856 | 42.134 | 41.766 | 42.333 | 42.153 | 41.730 | 41.538 | 41.397 | 41.270 | 41.308 | 41.841 | 42.437 | 5 |
| 6 | 41.912 | 42.129 | 41.779 | 42.143 | 42.108 | 41.713 | 41.506 | 41.384 | 41.294 | 41.307 | 41.867 | 42.323 | 6 |
| 7 | 41.909 | 42.131 | 41.665 | 42.008 | 42.043 | 41.644 | 41.508 | 41.345 | 41.292 | 41.356 | 41.766 | 42.321 | 7 |
| 8 | 41.926 | 42.149 | 41.676 | 42.009 | 41.903 | 41.536 | 41.446 | 41.347 | 41.295 | 41.423 | 41.827 | 42.312 | 8 |
| 9 | 41.980 | 42.164 | 41.613 | 42.066 | 41.803 | 41.488 | 41.416 | 41.337 | 41.306 | 41.502 | 41.865 | 42.282 | 9 |
| 10 | 41.938 | 42.185 | 41.660 | 42.160 | 41.827 | 41.490 | 41.360 | 41.303 | 41.288 | 41.626 | 41.821 | 42.276 | 10 |
| 11 | 41.888 | 42.200 | 41.649 | 42.223 | 41.741 | 41.477 | 41.437 | 41.311 | 41.285 | 41.668 | 41.716 | 42.260 | 11 |
| 12 | 41.790 | 42.127 | 41.616 | 42.141 | 41.621 | 41.450 | 41.508 | 41.273 | 41.274 | 41.599 | 41.666 | 42.246 | 12 |
| 13 | 41.862 | 42.127 | 41.692 | 42.046 | 41.642 | 41.427 | 41.480 | 41.331 | 41.313 | 41.618 | 41.609 | 42.185 | 13 |
| 14 | 41.935 | 42.123 | 41.698 | 42.000 | 41.666 | 41.411 | 41.472 | 41.312 | 41.325 | 41.502 | 41.585 | 42.049 | 14 |
| 15 | 41.980 | 42.114 | 42.311 | 42.050 | 41.621 | 41.446 | 41.490 | 41.311 | 41.229 | 41.499 | 41.561 | 42.128 | 15 |
| 16 | 42.017 | 42.038 | 42.398 | 42.078 | 41.666 | 41.446 | 41.454 | 41.330 | 41.258 | 41.468 | 41.571 | 42.130 | 16 |
| 17 | 41.991 | 42.084 | 42.554 | 42.041 | 41.771 | 41.419 | 41.470 | 41.324 | 41.261 | 41.593 | 41.536 | 42.108 | 17 |
| 18 | 42.052 | 42.011 | 42.586 | 42.028 | 41.654 | 41.405 | 41.458 | 41.339 | 41.256 | 41.642 | 41.499 | 42.102 | 18 |
| 19 | 42.057 | 41.929 | 42.647 | 41.982 | 41.709 | 41.371 | 41.413 | 41.374 | 41.291 | 41.594 | 41.564 | 42.085 | 19 |
| 20 | 42.053 | 41.966 | 42.537 | 41.984 | 41.836 | 41.402 | 41.501 | 41.352 | 41.270 | 41.650 | 41.604 | 42.268 | 20 |
| 21 | 42.096 | 41.898 | 42.401 | 42.030 | 41.915 | 41.440 | 41.456 | 41.327 | 41.252 | 41.714 | 41.623 | 42.459 | 21 |
| 22 | 42.029 | 41.823 | 42.406 | 42.013 | 42.080 | 41.425 | 41.438 | 41.323 | 41.296 | 41.692 | 41.733 | 42.363 | 22 |
| 23 | 42.069 | 41.983 | 42.429 | 42.060 | 42.200 | 41.468 | 41.497 | 41.335 | 41.314 | 41.778 | 41.787 | 42.336 | 23 |
| 24 | 42.089 | 42.051 | 42.518 | 42.207 | 42.202 | 41.400 | 41.485 | 41.332 | 41.258 | 41.885 | 41.776 | 42.419 | 24 |
| 25 | 42.107 | 42.031 | 42.421 | 42.244 | 42.194 | 41.414 | 41.473 | 41.314 | 41.302 | 41.854 | 41.796 | 42.491 | 25 |
| 26 | 42.104 | 41.960 | 42.322 | 42.216 | 42.114 | 41.483 | 41.450 | 41.319 | 41.320 | 41.850 | 41.805 | 42.471 | 26 |
| 27 | 42.142 | 41.876 | 42.255 | 42.249 | 42.093 | 41.415 | 41.435 | 41.319 | 41.328 | 41.843 | 41.923 | 42.500 | 27 |
| 28 | 42.137 | 41.892 | 42.577 | 42.156 | 42.022 | 41.397 | 41.404 | 41.305 | 41.334 | 41.907 | 41.942 | 42.523 | 28 |
| 29 | 42.139 | | 42.169 | 42.389 | 41.996 | 41.420 | 41.376 | 41.294 | 41.335 | 41.883 | 41.928 | 42.532 | 29 |
| 30 | 42.108 | | 42.104 | 42.376 | 41.960 | 41.556 | 41.391 | 41.298 | 41.390 | 41.891 | 42.041 | 42.571 | 30 |
| 31 | 42.194 | | 42.036 | | 41.856 | | 41.356 | 41.304 | | 41.844 | | 42.560A | 31 |
| MOY | 41.990 | 42.062 | 42.097 | 42.132 | 41.957 | 41.515 | 41.470 | 41.329 | 41.294 | 41.614 | 41.749 | 42.334 | MOY |
| MAX | 42.194 | 42.200 | 42.647 | 42.389 | 42.356 | 41.821 | 41.593 | 41.397 | 41.390 | 41.907 | 42.041 | 42.571 | MAX |
| MIN | 41.790 | 41.823 | 41.613 | 41.982 | 41.621 | 41.371 | 41.356 | 41.273 | 41.229 | 41.307 | 41.499 | 42.049 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 41.794
MAXIMUM QUOTIDIEN, 42.647 LE MAR 19
MINIMUM QUOTIDIEN, 41.229 LE SEP 15
MAXIMUM INSTANTANE,
42.687 LE 03 DEC A 22:43 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 25 51 N
LONG 075 42 25 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : SERVICE GEODESIQUE DU CANADA

## OUTAOUAIS (RIVIERE DES) A SAINTE-ANNE-DE-BELLEVUE - STATION NO. 020A013

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21.96 | 22.08 | 21.93 | 22.31 | 22.79 | 22.11 | 21.84 | 21.62 | 21.49 | 21.61 | 22.08 | 22.34 | 1 |
| 2 | 21.95 | 22.07 | 21.84 | 22.35 | 22.78 | 22.04 | 21.87 | 21.61 | 21.52 | 21.64 | 22.06 | 22.46 | 2 |
| 3 | 21.93 | 22.08 | 21.86 | 22.34 | 22.73 | 22.02 | 21.89 | 21.57 | 21.50 | 21.62 | 22.04 | 22.48 | 3 |
| 4 | 21.93 | 22.11 | 21.83 | 22.55 | 22.71 | 22.02 | 21.90 | 21.54 | 21.46 | 21.61 | 22.03 | 22.60 | 4 |
| 5 | 21.93 | 22.17 | 21.78 | 22.94 | 22.61 | 21.99 | 21.91 | 21.55 | 21.46 | 21.66 | 21.99 | 22.67 | 5 |
| 6 | 21.94 | 22.11 | 21.77 | 23.00 | 22.45 | 21.95 | 21.85 | 21.61 | 21.42 | 21.62 | 22.07 | 22.64 | 6 |
| 7 | 21.95 | 22.10 | 21.76 | 22.81 | 22.37 | 21.96 | 21.83 | 21.65 | 21.46 | 21.57 | 22.16 | 22.50 | 7 |
| 8 | 21.94 | 22.05 | 21.71 | 22.58 | 22.34 | 21.89 | 21.78 | 21.62 | 21.44 | 21.59 | 22.13 | 22.45 | 8 |
| 9 | 21.93 | 22.05 | 21.67 | 22.42 | 22.19 | 21.78 | 21.77 | 21.61 | 21.44 | 21.66 | 22.13 | 22.49 | 9 |
| 10 | 21.97 | 22.05 | 21.64 | 22.38 | 22.10 | 21.76 | 21.74 | 21.58 | 21.45 | 21.74 | 22.13 | 22.43 | 10 |
| 11 | 21.99 | 22.11 | 21.65 | 22.48 | 22.13 | 21.76 | 21.67 | 21.54 | 21.45 | 21.81 | 22.12 | 22.41 | 11 |
| 12 | 21.97 | 22.14 | 21.70 | 22.56 | 22.09 | 21.74 | 21.71 | 21.52 | 21.43 | 21.91 | 22.09 | 22.40 | 12 |
| 13 | 21.89 | 22.12 | 21.71 | 22.57 | 21.99 | 21.70 | 21.75 | 21.50 | 21.42 | 21.95 | 22.03 | 22.38 | 13 |
| 14 | 21.89 | 22.07 | 21.81 | 22.47 | 21.96 | 21.68 | 21.76 | 21.55 | 21.42 | 22.01 | 21.93 | 22.35 | 14 |
| 15 | 21.96 | 22.13 | 22.04 | 22.41 | 21.95 | 21.67 | 21.74 | 21.55 | 21.46 | 22.00 | 21.87 | 22.26 | 15 |
| 16 | 21.98 | 22.08 | 22.21 | 22.47 | 21.92 | 21.69 | 21.78 | 21.53 | 21.41 | 21.92 | 21.85 | 22.24 | 16 |
| 17 | 22.06 | 22.04 | 22.45 | 22.49 | 21.88 | 21.66 | 21.75 | 21.53 | 21.43 | 21.85 | 21.92 | 22.22 | 17 |
| 18 | 22.02 | 22.07 | 22.73 | 22.46 | 22.01 | 21.64 | 21.76 | 21.56 | 21.41 | 21.88 | 21.87 | 22.17 | 18 |
| 19 | 22.09 | 22.05 | 22.78 | 22.40 | 22.06 | 21.67 | 21.75 | 21.60 | 21.39 | 22.00 | 21.84 | --- | 19 |
| 20 | 22.07 | 21.97 | 22.77 | 22.34 | 22.09 | 21.65 | 21.75 | 21.59 | 21.46 | 21.94 | 21.86 | --- | 20 |
| 21 | 22.08 | 21.98 | 22.74 | 22.37 | 22.16 | 21.65 | 21.80 | 21.56 | 21.44 | 21.96 | 21.92 | --- | 21 |
| 22 | 22.09 | 21.90 | 22.70 | 22.45 | 22.26 | 21.68 | 21.75 | 21.54 | 21.39 | 22.01 | 21.92 | --- | 22 |
| 23 | 22.04 | 21.91 | 22.71 | 22.45 | 22.36 | 21.67 | 21.75 | 21.55 | 21.42 | 22.01 | 21.99 | --- | 23 |
| 24 | 22.06 | 21.95 | 22.71 | 22.47 | 22.40 | 21.71 | 21.80 | 21.56 | 21.48 | 22.08 | 22.07 | --- | 24 |
| 25 | 22.06 | 22.02 | 22.72 | 22.55 | 22.39 | 21.71 | 21.80 | 21.56 | 21.44 | 22.12 | 22.09 | --- | 25 |
| 26 | 22.06 | 22.02 | 22.69 | 22.64 | 22.37 | 21.74 | 21.77 | 21.55 | 21.45 | 22.13 | 22.12 | --- | 26 |
| 27 | 22.08 | 22.00 | 22.57 | 22.63 | 22.34 | 21.75 | 21.74 | 21.54 | 21.46 | 22.11 | 22.10 | --- | 27 |
| 28 | 22.09 | 21.93 | 22.52 | 22.67 | 22.31 | 21.72 | 21.71 | 21.53 | 21.48 | 22.09 | 22.20 | --- | 28 |
| 29 | 22.08 | | 22.50 | 22.73 | 22.24 | 21.70 | 21.66 | 21.55 | 21.50 | 22.17 | 22.27 | --- | 29 |
| 30 | 22.08 | | 22.43 | 22.76 | 22.21 | 21.78 | 21.61 | 21.52 | 21.53 | 22.13 | 22.28 | --- | 30 |
| 31 | 22.09 | | 22.36 | | 22.17 | | 21.64 | 21.51 | | 22.12 | | --- | 31 |
| MOY | 22.01 | 22.05 | 22.20 | 22.53 | 22.27 | 21.78 | 21.77 | 21.56 | 21.45 | 21.89 | 22.04 | --- | MOY |
| MAX | 22.09 | 22.17 | 22.78 | 23.00 | 22.79 | 22.11 | 21.91 | 21.65 | 21.53 | 22.17 | 22.28 | --- | MAX |
| MIN | 21.89 | 21.90 | 21.64 | 22.31 | 21.88 | 21.64 | 21.61 | 21.50 | 21.39 | 21.57 | 21.84 | --- | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 23.00 LE AVR 06
MINIMUM QUOTIDIEN, 21.39 LE SEP 19
MAXIMUM INSTANTANE,
23.06 LE 05 AVR A 23:35 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 24 17 N
LONG 073 57 25 W

DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)
AJOUTER .08 m POUR OBTENIR LES COTES GEODESIQUES

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 16005 SAINTE-ANNE-DE-BELLEVUE

## PRAIRIES (RIVIERE DES) A CARTIERVILLE - STATION NO. 020A002

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | 2.055 | 1.795 | 1.713 | 1.820 | 2.294 | 2.552 | 1 |
| 2 | --- | 2.515A | 2.342A | --- | --- | --- | 2.097 | 1.791 | 1.716 | 1.844 | 2.283 | 2.647 | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 2.097 | 1.766 | 1.697 | 1.852 | 2.272 | 2.651 | 3 |
| 4 | 2.389A | --- | --- | --- | --- | --- | 2.113 | 1.733 | 1.667 | 1.845 | 2.258 | 2.749 | 4 |
| 5 | --- | 2.741A | --- | --- | --- | --- | --- | 1.723 | 1.679 | 1.888 | 2.220 | 2.874 | 5 |
| 6 | --- | --- | --- | --- | --- | 2.169A | --- | 1.770 | 1.646 | 1.864 | 2.273 | 2.845 | 6 |
| 7 | --- | --- | 2.260A | --- | 2.525A | 2.190 | --- | 1.811 | 1.673 | 1.810 | 2.380 | 2.712 | 7 |
| 8 | --- | 2.583A | --- | --- | --- | 2.168 | --- | 1.793 | 1.667 | 1.813 | 2.329 | 2.641 | 8 |
| 9 | --- | 2.571A | --- | --- | --- | 2.072 | --- | 1.765 | 1.674 | 1.856 | 2.347 | 2.687 | 9 |
| 10 | 2.412A | --- | --- | --- | --- | 2.007 | 1.952 | 1.742 | 1.689 | 1.928 | 2.332 | 2.637 | 10 |
| 11 | --- | --- | --- | --- | --- | 1.984 | 1.947 | 1.721 | 1.666 | 2.002 | 2.342 | 2.570 | 11 |
| 12 | --- | --- | --- | --- | --- | 1.988 | 1.946 | 1.721 | 1.667 | 2.123 | 2.305 | 2.509 | 12 |
| 13 | --- | --- | --- | --- | --- | 2.007 | 1.953 | 1.685 | 1.640 | 2.161 | 2.270 | 2.577 | 13 |
| 14 | --- | --- | --- | --- | --- | 1.964 | 1.961 | 1.719 | 1.670 | 2.229 | 2.187 | 2.476 | 14 |
| 15 | --- | --- | --- | --- | --- | 1.923 | 1.964 | 1.730 | 1.716 | 2.243 | 2.128 | 2.391 | 15 |
| 16 | --- | --- | 2.625A | --- | 2.141A | 1.947 | 1.975 | 1.721 | 1.673 | 2.172 | 2.098 | 2.388 | 16 |
| 17 | --- | --- | --- | --- | --- | 1.934 | 1.955 | 1.728 | 1.661 | 2.029 | 2.136 | 2.347 | 17 |
| 18 | 2.490A | --- | --- | --- | --- | 1.929 | 1.951 | 1.758 | 1.650 | 2.125 | 2.126 | 2.336 | 18 |
| 19 | --- | --- | 3.041A | --- | --- | 1.930 | 1.940 | 1.750 | 1.629 | 2.253 | 2.083 | 2.326 | 19 |
| 20 | --- | --- | --- | --- | --- | 1.896 | 1.930 | 1.763 | 1.677 | 2.202 | 2.122 | 2.206 | 20 |
| 21 | --- | 2.493A | --- | --- | --- | 1.890 | 1.955 | 1.749 | 1.679 | 2.205 | 2.180 | 2.251 | 21 |
| 22 | --- | 2.387A | --- | --- | --- | 1.937 | 1.918 | 1.733 | 1.630 | 2.246 | 2.155 | 2.363 | 22 |
| 23 | 2.567A | --- | --- | --- | --- | 1.924 | 1.910 | 1.734 | 1.645 | 2.213 | 2.220 | 2.401 | 23 |
| 24 | --- | --- | --- | --- | --- | 1.966 | 1.957 | 1.735 | 1.714 | 2.282 | 2.315 | 2.500 | 24 |
| 25 | --- | --- | --- | --- | --- | 1.960 | 1.953 | 1.734 | 1.689 | 2.331 | 2.358 | 2.486 | 25 |
| 26 | 2.543A | --- | --- | --- | --- | 1.984 | 1.930 | 1.736 | 1.697 | 2.335 | 2.370 | 2.426 | 26 |
| 27 | --- | --- | --- | --- | --- | 2.002 | 1.903 | 1.741 | 1.683 | 2.328 | 2.323 | 2.325 | 27 |
| 28 | --- | 2.384A | --- | --- | --- | 1.982 | 1.883 | 1.733 | 1.685 | 2.303 | 2.419 | 2.332 | 28 |
| 29 | --- | | --- | --- | --- | 1.984 | 1.853 | 1.732 | 1.702 | 2.372 | 2.508 | 2.344 | 29 |
| 30 | 2.563A | | --- | --- | --- | 1.997 | 1.818 | 1.688 | 1.730 | 2.332 | 2.513 | 2.403 | 30 |
| 31 | --- | | --- | | --- | | 1.825 | 1.707 | | 2.329 | | --- | 31 |
| MOY | --- | --- | --- | --- | --- | --- | --- | 1.742 | 1.677 | 2.108 | 2.272 | --- | MOY |
| MAX | --- | --- | --- | --- | --- | --- | --- | 1.811 | 1.730 | 2.372 | 2.513 | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | 1.685 | 1.629 | 1.810 | 2.083 | --- | MIN |

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 32 02 N
LONG 073 43 48 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 15.862 m POUR OBTENIR LES COTES GEODESIQUES

## PRAIRIES (RIVIERE DES) A DUVERNAY EST - STATION NO. 020A020

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.871 | 8.920 | 8.899 | 9.044 | 9.321 | 8.799 | 8.495 | 8.228 | 8.064 | 8.257 | 8.740 | 8.953 | 1 |
| 2 | 8.911 | 8.946 | 8.697 | 9.055 | 9.322 | 8.726 | 8.530 | 8.207 | 8.073 | 8.265 | 8.729 | 9.034 | 2 |
| 3 | 8.997 | 9.201 | 8.625 | 9.045 | 9.272 | 8.728 | 8.542 | 8.192 | 8.059 | 8.298 | 8.727 | 9.047 | 3 |
| 4 | 9.089 | 9.348 | 8.647 | 9.117 | 9.259 | 8.733 | 8.568 | 8.142 | 8.021 | 8.282 | 8.707 | 9.120 | 4 |
| 5 | 8.563 | 9.401 | 8.650 | 9.363 | 9.202 | 8.682 | 8.548 | 8.131 | 8.006 | 8.348 | 8.678 | 9.230 | 5 |
| 6 | 8.613 | 9.242 | 8.596 | 9.462 | 9.073 | 8.633 | 8.505 | 8.179 | 7.978 | 8.319 | 8.708 | 9.220 | 6 |
| 7 | 8.765 | 9.090 | 8.571 | 9.357 | 9.020 | 8.633 | 8.468 | 8.259 | 7.992 | 8.252 | 8.831 | 9.124 | 7 |
| 8 | 8.734 | 8.991 | 8.548 | 9.183 | 8.979 | 8.602 | 8.453 | 8.242 | 7.990 | 8.222 | 8.772 | 9.051 | 8 |
| 9 | 8.681 | 8.862 | 8.470 | 9.044 | 8.879 | 8.505 | 8.430 | 8.222 | 7.979 | 8.276 | 8.706 | 9.088 | 9 |
| 10 | 8.661 | 8.823 | 8.370 | 8.990 | 8.775 | 8.447 | 8.398 | 8.186 | 8.013 | 8.369 | 8.778 | 9.051 | 10 |
| 11 | 8.744 | 8.916 | 8.358 | 9.043 | 8.820 | 8.418 | 8.319 | 8.122 | 7.995 | 8.443 | 8.798 | 9.009 | 11 |
| 12 | 8.708 | 8.926 | 8.411 | 9.124 | 8.776 | 8.429 | 8.321 | 8.117 | 7.975 | 8.582 | 8.759 | 9.041 | 12 |
| 13 | 8.663 | 8.902 | 8.446 | 9.150 | 8.680 | 8.421 | 8.380 | 8.092 | 7.975 | 8.603 | 8.739 | 9.034 | 13 |
| 14 | 8.843 | 8.828 | 8.478 | 9.088 | 8.646 | 8.380 | 8.388 | 8.106 | 7.965 | 8.673 | 8.658 | 9.003 | 14 |
| 15 | 8.972 | 9.012 | 8.698 | 9.026 | 8.640 | 8.358 | 8.378 | 8.130 | 8.038 | 8.686 | 8.591 | 8.961 | 15 |
| 16 | 9.054 | 9.067 | 8.896 | 9.067 | 8.596 | 8.370 | 8.407 | 8.108 | 8.016 | 8.639 | 8.560 | 8.995 | 16 |
| 17 | 9.066 | 9.028 | 9.094 | 9.099 | 8.577 | 8.373 | 8.412 | 8.124 | 7.973 | 8.533 | 8.587 | 8.954 | 17 |
| 18 | 8.887 | 9.095 | 9.332 | 9.058 | 8.692 | 8.371 | 8.392 | 8.149 | 7.999 | 8.562 | 8.587 | 8.881 | 18 |
| 19 | 8.837 | 9.089 | 9.406 | 9.034 | 8.733 | 8.368 | 8.388 | 8.145 | 7.966 | 8.692 | 8.530 | 8.828 | 19 |
| 20 | 8.927 | 9.021 | 9.366 | 8.992 | 8.723 | 8.322 | 8.393 | 8.153 | 8.002 | 8.652 | 8.555 | 8.809 | 20 |
| 21 | 9.051 | 9.098 | 9.309 | 8.989 | 8.760 | 8.315 | 8.416 | 8.143 | 8.053 | 8.643 | 8.606 | 8.841 | 21 |
| 22 | 9.155 | 8.834 | 9.249 | 9.029 | 8.855 | 8.360 | 8.374 | 8.125 | 7.981 | 8.697 | 8.588 | 8.939 | 22 |
| 23 | 9.098 | 8.667 | 9.249 | 9.051 | 8.933 | 8.369 | 8.374 | 8.115 | 7.990 | 8.663 | 8.649 | 8.852 | 23 |
| 24 | 8.994 | 8.775 | 9.339 | 9.053 | 8.996 | 8.407 | 8.405 | 8.116 | 8.098 | 8.729 | 8.734 | 8.901 | 24 |
| 25 | 8.856 | 8.920 | 9.339 | 9.112 | 9.004 | 8.415 | 8.407 | 8.124 | 8.052 | 8.767 | 8.779 | 8.967 | 25 |
| 26 | 8.826 | 9.002 | 9.275 | 9.180 | 8.986 | 8.419 | 8.393 | 8.118 | 8.039 | 8.777 | 8.802 | 9.003 | 26 |
| 27 | 8.886 | 9.067 | 9.222 | 9.194 | 8.953 | 8.451 | 8.367 | 8.133 | 8.062 | 8.769 | 8.748 | 9.015 | 27 |
| 28 | 8.875 | 8.958 | 9.155 | 9.207 | 8.935 | 8.395 | 8.324 | 8.113 | 8.080 | 8.742 | 8.829 | 8.990 | 28 |
| 29 | 9.001 | | 9.143 | 9.254 | 8.860 | 8.362 | 8.289 | 8.117 | 8.091 | 8.798 | 8.917 | 9.024 | 29 |
| 30 | 8.938 | | 9.078 | 9.293 | 8.853 | 8.419 | 8.236 | 8.093 | 8.150 | 8.776 | 8.925 | 8.982 | 30 |
| 31 | 8.948 | | 9.011 | | 8.835 | | 8.242 | 8.072 | | 8.775 | | 8.862 | 31 |
| MOY | 8.878 | 9.001 | 8.901 | 9.123 | 8.902 | 8.474 | 8.405 | 8.145 | 8.023 | 8.551 | 8.713 | 8.994 | MOY |
| MAX | 9.155 | 9.401 | 9.406 | 9.462 | 9.322 | 8.799 | 8.568 | 8.259 | 8.150 | 8.798 | 8.925 | 9.230 | MAX |
| MIN | 8.563 | 8.667 | 8.358 | 8.989 | 8.577 | 8.315 | 8.236 | 8.072 | 7.965 | 8.222 | 8.530 | 8.809 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 8.674
MAXIMUM QUOTIDIEN, 9.462 LE AVR 06
MINIMUM QUOTIDIEN, 7.965 LE SEP 14
MAXIMUM INSTANTANE, 9.548 LE 17 MAR A 19:34 HNE

PLAN DE REFERENCE : GEODESIQUES

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 39 09 N
LONG 073 36 03 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

## PRAIRIES (RIVIERE DES) A ROXBORO - STATION NO. 020A019

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.566 | 2.278 | 2.306 | 1.695 | 2.265 | 1.443 | 0.976 | 0.542 | 0.358 | 0.616 | 1.344 | 1.694 | 1 |
| 2 | 2.644 | 2.230 | 2.074 | 1.675 | 2.277 | 1.267 | 1.013 | 0.522 | 0.386 | 0.690 | 1.324 | 1.824 | 2 |
| 3 | 2.548 | 2.158 | 2.006 | 1.683 | 2.193 | 1.315 | 1.017 | 0.507 | 0.368 | 0.678 | 1.309 | 1.842 | 3 |
| 4 | 2.322 | 2.486 | 2.006 | 1.855 | 2.155 | 1.335 | 1.083 | 0.429 | 0.310 | 0.588 | 1.294 | 2.026 | 4 |
| 5 | 2.309 | 2.651 | 1.996 | 2.387 | 2.063 | 1.243 | 1.035 | 0.397 | 0.318 | 0.713 | 1.254 | 2.161 | 5 |
| 6 | 2.266 | 2.594 | 1.956 | 2.615 | 1.843 | 1.172 | 0.957 | 0.471 | 0.240 | 0.655 | 1.228 | 2.130 | 6 |
| 7 | 2.307 | 2.452 | 1.836 | 2.399 | 1.727 | 1.157 | 0.941 | 0.589 | 0.291 | 0.581 | 1.476 | 1.936 | 7 |
| 8 | 2.306 | 2.356 | 1.832 | 2.063 | 1.687 | --- | 0.937 | 0.549 | 0.295 | 0.573 | 1.388 | 1.854 | 8 |
| 9 | 2.216 | 2.226 | 1.721 | --- | 1.553 | --- | 0.872 | 0.517 | 0.277 | 0.653 | 1.442 | 1.954 | 9 |
| 10 | 2.211 | 2.226 | 1.556 | --- | 1.393 | 0.897 | 0.735 | 0.489 | 0.341 | 0.783 | 1.410 | 1.819 | 10 |
| 11 | 2.276 | 2.446 | 1.506 | --- | 1.515 | 0.855 | 0.666 | 0.407 | 0.275 | 0.851 | 1.442 | 1.698 | 11 |
| 12 | 2.338 | 2.506 | 1.474 | --- | 1.425 | 0.855 | 0.699 | 0.409 | 0.277 | 1.109 | 1.388 | 1.680 | 12 |
| 13 | 2.191 | 2.666 | 1.456 | --- | 1.247 | 0.867 | 0.739 | 0.354 | 0.255 | 1.119 | 1.334 | 1.802 | 13 |
| 14 | 2.186 | 2.468 | 1.506 | 1.893 | 1.225 | 0.797 | 0.739 | 0.389 | 0.261 | 1.231 | 1.204 | 1.614 | 14 |
| 15 | 2.406 | 2.444 | 1.926 | 1.805 | 1.173 | 0.765 | 0.709 | 0.430 | 0.311 | 1.229 | 1.119 | 1.573 | 15 |
| 16 | 2.374 | 2.506 | 2.076 | 1.883 | 1.139 | 0.799 | 0.739 | 0.394 | 0.293 | 1.167 | 1.011 | 1.529 | 16 |
| 17 | 2.446 | 2.506 | 2.216 | 1.875 | 1.027 | 0.797 | 0.767 | 0.429 | 0.251 | 0.951 | 1.089 | 1.464 | 17 |
| 18 | 2.376 | 2.530 | 2.588 | 1.855 | 1.335 | 0.727 | 0.792 | 0.433 | 0.253 | 1.039 | 1.031 | 1.316 | 18 |
| 19 | 2.266 | 2.588 | 2.690 | 1.837 | 1.353 | 0.797 | 0.790 | 0.437 | 0.239 | 1.191 | 1.001 | 1.430 | 19 |
| 20 | 2.361 | 2.406 | 2.605 | 1.715 | 1.337 | 0.717 | 0.768 | 0.477 | 0.291 | 1.165 | 1.061 | 1.304 | 20 |
| 21 | 2.306 | 2.554 | 2.555 | 1.743 | 1.383 | 0.709 | 0.852 | 0.444 | --- | 1.163 | 1.101 | 1.512 | 21 |
| 22 | 2.406 | 2.336 | 2.423 | 1.825 | 1.547 | 0.777 | 0.764 | 0.421 | --- | 1.283 | 1.071 | 1.604 | 22 |
| 23 | 2.386 | 2.146 | 2.533 | 1.851 | 1.661 | 0.757 | 0.752 | 0.422 | 0.328 | 1.201 | 1.191 | 1.609 | 23 |
| 24 | 2.356 | 2.286 | 2.405 | 1.837 | 1.773 | 0.819 | 0.834 | 0.428 | 0.430 | 1.236 | 1.352 | 1.884 | 24 |
| 25 | 2.296 | 2.386 | 2.405 | 1.973 | 1.777 | 0.837 | 0.810 | 0.428 | 0.352 | 1.278 | 1.400 | 1.850 | 25 |
| 26 | 2.244 | 2.406 | 2.355 | 2.055 | 1.755 | 0.837 | 0.792 | 0.426 | 0.360 | 1.354 | 1.436 | 1.796 | 26 |
| 27 | 2.280 | 2.481 | 2.215 | 2.053 | 1.679 | 0.919 | 0.740 | 0.420 | 0.364 | 1.404 | 1.314 | 1.726 | 27 |
| 28 | 2.256 | 2.316 | 2.043 | 2.085 | 1.663 | 0.815 | 0.694 | 0.412 | 0.378 | 1.346 | 1.484 | 1.802 | 28 |
| 29 | 2.336 | | 2.035 | 2.181 | 1.535 | 0.759 | 0.642 | 0.406 | 0.392 | 1.470 | 1.644 | 1.809 | 29 |
| 30 | 2.306 | | 1.903 | 2.225 | 1.523 | 0.881 | 0.640 | 0.352 | 0.394 | 1.402 | 1.650 | 1.724 | 30 |
| 31 | 2.306 | | 1.801 | | 1.485 | | 0.572 | 0.390 | | 1.404 | | 2.180 | 31 |
| MOY | 2.335 | 2.423 | 2.065 | --- | 1.604 | --- | 0.809 | 0.443 | --- | 1.036 | 1.293 | 1.747 | MOY |
| MAX | 2.644 | 2.666 | 2.690 | --- | 2.277 | --- | 1.083 | 0.589 | --- | 1.470 | 1.650 | 2.180 | MAX |
| MIN | 2.186 | 2.146 | 1.456 | --- | 1.027 | --- | 0.572 | 0.352 | --- | 0.573 | 1.001 | 1.304 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - MANUELLE
EMPLACEMENT - LAT 45 30 56 N
LONG 073 48 49 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 17.629 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1970)

## PRAIRIES (RIVIERE DES) AUX RAPIDES DU CHEVAL BLANC - STATION NO. 02OA018

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.291 | 2.035 | 1.942 | 1.662 | 2.194 | 1.511 | 1.248 | 0.941 | 0.813 | 0.989 | 1.468 | 1.738 | 1 |
| 2 | 2.325 | 2.028 | 1.787 | 1.657 | 2.177 | 1.426 | 1.283 | 0.932 | 0.812 | 1.003 | 1.454 | 1.840 | 2 |
| 3 | 2.178 | 2.206 | 1.735 | 1.657 | 2.122 | 1.435 | 1.300 | 0.912 | 0.799 | 1.016 | 1.441 | 1.837 | 3 |
| 4 | 2.024A | 2.320 | 1.685 | 1.855 | 2.093 | 1.434 | 1.318 | 0.874 | 0.770 | 1.003 | 1.425 | 1.966 | 4 |
| 5 | 2.001 | 2.467 | 1.666 | 2.305 | 1.995 | 1.376 | 1.302 | 0.855A | 0.763 | 1.061 | 1.378 | 2.116 | 5 |
| 6 | 1.975 | 2.330 | 1.636 | 2.429 | 1.826 | 1.326 | 1.250 | --- | 0.740 | 1.042 | 1.443 | 2.077 | 6 |
| 7 | 2.044 | 2.199 | 1.612 | 2.232 | 1.732 | 1.332 | 1.219 | --- | 0.753 | 0.962 | 1.556 | 1.923 | 7 |
| 8 | 1.991 | 2.105 | 1.492 | 1.953 | 1.711 | 1.290 | 1.193 | --- | 0.747 | 0.961 | 1.504 | 1.838 | 8 |
| 9 | 1.951 | 2.035 | 1.389 | 1.777 | 1.566 | 1.188 | 1.178 | --- | 0.750 | 1.012 | 1.514 | 1.924A | 9 |
| 10 | 1.959 | 2.008 | 1.271 | 1.699 | 1.467 | 1.145 | 1.145 | --- | 0.777 | 1.083 | 1.508 | --- | 10 |
| 11 | 1.996 | 2.143 | 1.221 | 1.810 | 1.538 | 1.120 | 1.063 | --- | 0.756 | 1.181 | 1.518 | --- | 11 |
| 12 | 2.019 | 2.257 | 1.265 | 1.922 | 1.473 | 1.134 | 1.087 | 0.855A | 0.748 | 1.307 | 1.486 | --- | 12 |
| 13 | 1.892 | 2.254 | 1.269 | 1.948 | 1.367 | 1.119 | 1.132 | 0.814 | 0.735 | 1.337 | 1.450 | --- | 13 |
| 14 | 2.007 | 2.097 | 1.341 | 1.842 | 1.349 | 1.085 | 1.143 | 0.854 | 0.746 | 1.404 | 1.366 | --- | 14 |
| 15 | 2.155 | 2.184 | 1.648 | 1.768 | 1.332 | 1.070 | 1.118 | 0.868 | 0.814 | 1.412 | 1.297 | --- | 15 |
| 16 | 2.213 | 2.189 | 1.842 | 1.840 | 1.291 | 1.089 | 1.170 | 0.858 | 0.762 | 1.336 | 1.261 | --- | 16 |
| 17 | 2.288 | 2.150 | 2.038 | 1.870 | 1.244 | 1.078 | 1.123 | 0.867 | 0.754 | 1.233 | 1.302 | 1.549 | 17 |
| 18 | 2.091 | 2.213 | 2.355 | 1.824 | 1.416 | 1.079 | 1.113 | 0.880 | 0.756 | 1.269 | 1.285 | 1.516 | 18 |
| 19 | 2.087 | 2.203 | 2.429 | 1.783 | 1.448 | 1.083 | 1.100 | 0.881 | 0.732 | 1.421 | 1.240 | 1.503 | 19 |
| 20 | 2.088 | 2.104 | 2.378 | 1.703 | 1.427 | 1.048 | 1.085 | 0.897 | 0.778 | 1.364 | 1.278 | 1.464 | 20 |
| 21 | 2.149 | 2.156 | 2.320 | 1.725 | 1.485 | 1.049 | 1.133 | 0.878 | 0.787 | 1.366 | 1.332 | 1.574 | 21 |
| 22 | 2.208 | 1.951 | 2.220 | 1.804 | 1.606 | 1.098 | 1.085 | 0.859 | 0.740 | 1.426 | 1.303 | 1.604 | 22 |
| 23 | 2.151 | 1.858 | 2.206 | 1.816 | 1.710 | 1.095 | 1.060 | 0.855 | 0.771 | 1.385 | 1.372 | 1.620 | 23 |
| 24 | 2.100 | 1.928 | 2.227 | 1.832 | 1.781 | 1.149 | 1.129 | 0.856 | 0.859 | 1.471 | 1.477 | 1.758 | 24 |
| 25 | 2.055 | 2.045 | 2.234 | 1.911 | 1.781 | 1.150 | 1.128 | 0.858 | 0.811 | 1.521 | 1.521 | 1.776 | 25 |
| 26 | 2.018 | 2.112 | 2.170 | 2.009 | 1.758 | 1.176 | 1.109 | 0.853 | 0.803 | 1.510 | 1.529 | 1.730 | 26 |
| 27 | 2.047 | 2.112 | 2.043 | 2.025 | 1.712 | 1.167 | 1.078 | 0.856 | 0.818 | 1.497 | 1.473 | 1.712 | 27 |
| 28 | 2.054 | 1.968 | 1.937 | 2.027 | 1.684 | 1.139 | 1.042 | 0.845 | 0.829 | 1.474 | 1.582 | 1.767 | 28 |
| 29 | 2.074 | | 1.913 | 2.097 | 1.597 | 1.104 | 1.004 | 0.847 | 0.838 | 1.543 | 1.680 | 1.731 | 29 |
| 30 | 2.056 | | 1.827 | 2.140 | 1.582 | 1.186 | 0.957 | 0.832 | 0.864 | 1.509 | 1.688 | 1.672 | 30 |
| 31 | 2.064 | | 1.736 | | 1.564 | | 0.970 | 0.821 | | 1.506 | | 1.960 | 31 |
| MOY | 2.082 | 2.131 | 1.833 | 1.897 | 1.646 | 1.190 | 1.138 | --- | 0.781 | 1.278 | 1.438 | --- | MOY |
| MAX | 2.325 | 2.467 | 2.429 | 2.429 | 2.194 | 1.511 | 1.318 | --- | 0.864 | 1.543 | 1.688 | --- | MAX |
| MIN | 1.892 | 1.858 | 1.221 | 1.657 | 1.244 | 1.048 | 0.957 | --- | 0.732 | 0.961 | 1.240 | --- | MIN |

### SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 2.467 LE FEV 05
MINIMUM QUOTIDIEN, 0.732 LE SEP 19
MAXIMUM INSTANTANÉ,
2.537 LE 05 FEV A 12:29 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 31 11 N
LONG 073 50 05 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 18.000 m POUR OBTENIR LES COTES GEODESIQUES

## QUINZE (LAC DES) A ANGLIERS - STATION NO. 02JB017

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.401 | 5.689 | 4.875 | 4.478 | 5.985 | 7.189 | 7.374 | 7.195 | 7.184 | 7.248 | 7.321 | 7.457 | 1 |
| 2 | 6.382 | 5.666 | 4.807 | 4.469 | 6.126 | 7.212 | 7.370 | 7.195 | 7.187 | 7.252 | 7.295 | 7.463 | 2 |
| 3 | 6.365 | 5.641 | 4.730 | 4.446 | 6.249 | 7.188 | 7.376 | 7.192 | 7.160 | 7.249 | 7.295 | 7.487 | 3 |
| 4 | 6.343 | 5.617 | 4.686 | 4.415 | 6.355 | 7.200 | 7.401 | 7.213 | 7.127 | 7.209 | 7.280 | 7.477 | 4 |
| 5 | 6.325 | 5.594 | 4.617 | 4.396 | 6.433 | 7.199 | 7.404 | 7.217 | 7.120 | 7.186 | 7.283 | 7.440 | 5 |
| 6 | 6.308 | 5.568 | 4.490 | 4.370 | 6.474 | 7.200 | 7.412 | 7.217 | 7.092 | 7.225 | 7.245 | 7.432 | 6 |
| 7 | 6.294 | 5.548 | 4.433 | 4.336 | 6.524 | 7.204 | 7.409 | 7.228 | 7.087 | 7.215 | 7.244 | 7.419 | 7 |
| 8 | 6.279 | 5.529 | 4.383 | 4.305 | 6.584 | 7.221 | 7.406 | 7.216 | 7.048 | 7.194 | 7.250 | 7.387 | 8 |
| 9 | 6.257 | 5.512 | 4.335 | 4.272 | 6.627 | 7.241 | 7.394 | 7.207 | 7.033 | 7.181 | 7.272 | 7.361 | 9 |
| 10 | 6.235 | 5.495 | 4.288 | 4.245 | 6.689 | 7.253 | 7.389 | 7.228 | 7.016 | 7.187 | 7.272 | 7.321 | 10 |
| 11 | 6.230 | 5.477 | 4.252 | 4.209 | 6.711 | 7.259 | 7.401 | 7.230 | 7.002 | 7.146 | 7.276 | 7.298 | 11 |
| 12 | 6.202 | 5.455 | 4.228 | 4.183 | 6.729 | 7.234 | 7.400 | 7.229 | 6.988 | 7.157 | 7.263 | 7.276 | 12 |
| 13 | 6.179 | 5.436 | 4.215 | 4.167 | 6.803 | 7.246 | 7.383 | 7.233 | 6.979 | 7.154 | 7.273 | 7.257 | 13 |
| 14 | 6.162 | 5.403 | 4.193 | 4.165 | 6.817 | 7.253 | 7.373 | 7.226 | 6.956 | 7.141 | 7.293 | 7.249 | 14 |
| 15 | 6.141 | 5.366 | 4.188 | 4.169 | 6.851 | 7.255 | 7.364 | 7.220 | 6.965 | 7.120 | 7.299 | 7.237 | 15 |
| 16 | 6.105 | 5.337 | 4.201 | 4.160 | 6.913 | 7.248 | 7.331 | 7.217 | 6.962 | 7.123 | 7.309 | 7.220 | 16 |
| 17 | 6.084 | 5.308 | 4.232 | 4.176 | 6.982 | 7.243 | 7.328 | 7.203 | 6.997 | 7.156 | 7.298 | 7.211 | 17 |
| 18 | 6.068 | 5.286 | 4.264 | 4.148 | 6.959 | 7.242 | 7.323 | 7.251 | 6.974 | 7.170 | 7.294 | 7.203 | 18 |
| 19 | 6.043 | 5.240 | 4.293 | 4.111 | 7.046 | 7.249 | 7.310 | 7.265 | 6.984 | 7.156 | 7.281 | 7.191 | 19 |
| 20 | 6.019 | 5.192 | 4.322 | 4.112 | 7.107 | 7.236 | 7.303 | 7.261 | 6.991 | 7.221 | 7.296 | 7.182 | 20 |
| 21 | 6.000 | 5.159 | 4.347 | 4.153 | 7.120 | 7.237 | 7.290 | 7.262 | 7.022 | 7.238 | 7.322 | 7.169 | 21 |
| 22 | 5.971 | 5.127 | 4.384 | 4.206 | 7.130 | 7.232 | 7.274 | 7.265 | 7.038 | 7.274 | 7.325 | 7.162 | 22 |
| 23 | 5.940 | 5.096 | 4.420 | 4.327 | 7.139 | 7.265 | 7.258 | 7.270 | 7.053 | 7.306 | 7.325 | 7.147 | 23 |
| 24 | 5.923 | 5.059 | 4.444 | 4.476 | 7.154 | 7.281 | 7.224 | 7.260 | 7.084 | 7.319 | 7.325 | 7.139 | 24 |
| 25 | 5.904 | 5.015 | 4.464 | 4.683 | 7.167 | 7.293 | 7.212 | 7.256 | 7.133 | 7.317 | 7.333 | 7.132 | 25 |
| 26 | 5.876 | 4.982 | 4.476 | 4.902 | 7.176 | 7.304 | 7.211 | 7.231 | 7.148 | 7.322 | 7.354 | 7.117 | 26 |
| 27 | 5.841 | 4.945 | 4.484 | 5.137 | 7.180 | 7.341 | 7.208 | 7.239 | 7.156 | 7.319 | 7.376 | 7.105 | 27 |
| 28 | 5.799 | 4.908 | 4.488 | 5.376 | 7.187 | 7.345 | 7.195 | 7.226 | 7.185 | 7.319 | 7.374 | 7.094 | 28 |
| 29 | 5.774 | | 4.489 | 5.627 | 7.191 | 7.368 | 7.187 | 7.228 | 7.214 | 7.323 | 7.441 | 7.082 | 29 |
| 30 | 5.742 | | 4.493 | 5.822 | 7.195 | 7.370 | 7.191 | 7.212 | 7.228 | 7.325 | 7.470 | 7.068 | 30 |
| 31 | 5.709 | | 4.484 | | 7.197 | | 7.199 | 7.214 | | 7.328 | | 7.056 | 31 |
| MOY | 6.094 | 5.345 | 4.420 | 4.468 | 6.831 | 7.254 | 7.319 | 7.229 | 7.069 | 7.228 | 7.309 | 7.253 | MOY |
| MAX | 6.401 | 5.689 | 4.875 | 5.822 | 7.197 | 7.370 | 7.412 | 7.270 | 7.228 | 7.328 | 7.470 | 7.487 | MAX |
| MIN | 5.709 | 4.908 | 4.188 | 4.111 | 5.985 | 7.188 | 7.187 | 7.192 | 6.956 | 7.120 | 7.244 | 7.056 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 6.494
MAXIMUM QUOTIDIEN, 7.487 LE DEC 03
MINIMUM QUOTIDIEN, 4.111 LE AVR 19
MAXIMUM INSTANTANÉ,
7.510 LE 04 DEC A 00:21 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 47 33 07 N
LONG 079 14 06 W

A - JAUGE MANUELLE
E - ESTIMATIVE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 256.032 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

## QUINZE (LAC DES) A LA POINTE DU PIN ROUGE - STATION NO. 02JB011

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.379 | 2.704 | 1.997 | 1.809 | 3.018 | 4.166 | 4.332 | 4.153 | 4.150 | 4.223 | 4.304 | 4.442 | 1 |
| 2 | 3.360 | 2.683 | 1.964 | 1.801 | 3.141 | 4.160 | 4.329 | 4.152 | 4.146 | 4.230 | 4.278 | 4.447 | 2 |
| 3 | 3.339 | 2.658 | 1.926 | 1.786 | 3.255 | 4.150 | 4.337 | 4.147 | 4.118 | 4.225 | 4.276 | 4.462 | 3 |
| 4 | 3.318 | 2.634 | 1.893 | 1.769 | 3.352 | 4.163 | 4.358 | 4.170 | 4.088 | 4.198 | 4.263 | 4.459 | 4 |
| 5 | 3.301 | 2.612 | 1.863 | 1.759 | 3.426 | 4.164 | 4.363 | 4.173 | 4.081 | 4.175 | 4.258 | 4.430 | 5 |
| 6 | 3.285 | 2.588 | 1.821 | 1.743 | 3.465 | 4.161 | 4.371 | 4.169 | 4.053 | 4.199 | 4.228 | 4.417 | 6 |
| 7 | 3.273 | 2.566 | 1.783 | 1.722 | 3.507 | 4.166 | 4.371 | 4.178 | 4.044 | 4.190 | 4.223 | 4.401 | 7 |
| 8 | 3.247 | 2.547 | 1.748 | 1.702 | 3.563 | 4.170 | 4.367 | 4.169 | 4.008 | 4.171 | 4.229 | 4.374 | 8 |
| 9 | 3.235 | 2.530 | 1.721 | 1.683 | 3.604 | 4.197 | 4.358 | 4.161 | 3.993 | 4.160 | 4.249 | 4.342 | 9 |
| 10 | 3.212 | 2.517 | 1.696 | 1.668 | 3.664 | 4.209 | 4.354 | 4.180 | 3.977 | 4.156 | 4.247 | 4.305 | 10 |
| 11 | 3.208 | 2.497 | 1.669 | 1.646 | 3.689 | 4.212 | 4.360 | 4.183 | 3.962 | 4.123 | 4.254 | 4.276 | 11 |
| 12 | 3.186 | 2.480 | 1.653 | 1.629 | 3.712 | 4.193 | 4.355 | 4.182 | 3.946 | 4.128 | 4.242 | 4.256 | 12 |
| 13 | 3.165 | 2.464 | 1.643 | 1.626 | 3.771 | 4.207 | 4.344 | 4.190 | 3.936 | 4.123 | 4.254 | 4.238 | 13 |
| 14 | 3.148 | 2.438 | 1.629 | 1.623 | 3.790 | 4.210 | 4.332 | 4.181 | 3.919 | 4.109 | 4.268 | 4.224 | 14 |
| 15 | 3.131 | 2.409 | 1.625 | 1.627 | 3.820 | 4.211 | 4.324 | 4.175 | 3.932 | 4.091 | 4.274 | 4.215 | 15 |
| 16 | 3.098 | 2.381 | 1.634 | 1.620 | 3.874 | 4.207 | 4.294 | 4.175 | 3.931 | 4.096 | 4.283 | 4.201 | 16 |
| 17 | 3.078 | 2.356 | 1.653 | 1.625 | 3.914 | 4.201 | 4.290 | 4.164 | 3.927 | 4.124 | 4.271 | 4.191 | 17 |
| 18 | 3.062 | 2.335 | 1.674 | 1.612 | 3.937 | 4.200 | 4.284 | 4.209 | 3.941 | 4.144 | 4.266 | 4.180 | 18 |
| 19 | 3.039 | 2.308 | 1.694 | 1.590 | 4.017 | 4.205 | 4.269 | 4.222 | 3.948 | 4.141 | 4.259 | 4.168 | 19 |
| 20 | 3.013 | 2.273 | 1.709 | 1.590 | 4.078 | 4.193 | 4.263 | 4.219 | 3.954 | 4.207 | 4.269 | 4.159 | 20 |
| 21 | 2.990 | 2.244 | 1.724 | 1.615 | 4.091 | 4.198 | 4.249 | 4.219 | 3.982 | 4.222 | 4.294 | 4.139 | 21 |
| 22 | 2.971 | 2.211 | 1.748 | 1.645 | 4.104 | 4.197 | 4.231 | 4.224 | 4.003 | 4.257 | 4.300 | 4.129 | 22 |
| 23 | 2.938 | 2.183 | 1.774 | 1.721 | 4.117 | 4.219 | 4.216 | 4.229 | 4.022 | 4.287 | 4.303 | 4.118 | 23 |
| 24 | 2.917 | 2.152 | 1.787 | 1.813 | 4.128 | 4.219 | 4.180 | 4.230 | 4.048 | 4.300 | 4.303 | 4.109 | 24 |
| 25 | 2.897 | 2.116 | 1.802 | 1.957 | 4.143 | 4.250 | 4.166 | 4.218 | 4.099 | 4.301 | 4.311 | 4.101 | 25 |
| 26 | 2.881 | 2.087 | 1.810 | 2.123 | 4.155 | 4.263 | 4.165 | 4.192 | 4.116 | 4.303 | 4.329 | 4.089 | 26 |
| 27 | 2.851 | 2.058 | 1.817 | 2.304 | 4.161 | 4.298 | 4.163 | 4.205 | 4.126 | 4.302 | 4.350 | 4.079 | 27 |
| 28 | 2.815 | 2.025 | 1.818 | 2.500 | 4.167 | 4.305 | 4.151 | 4.193 | 4.135 | 4.307 | 4.355 | 4.070 | 28 |
| 29 | 2.784 | | 1.818 | 2.693 | 4.170 | 4.326 | 4.136 | 4.194 | 4.183 | 4.309 | 4.416 | 4.058 | 29 |
| 30 | 2.754 | | 1.815 | 2.866 | 4.169 | 4.328 | 4.144 | 4.178 | 4.205 | 4.311 | 4.452 | 4.043 | 30 |
| 31 | 2.722 | | 1.814 | | 4.172 | | 4.155 | 4.178 | | 4.312 | | 4.033 | 31 |
| MOY | 3.084 | 2.395 | 1.765 | 1.829 | 3.812 | 4.213 | 4.278 | 4.187 | 4.033 | 4.207 | 4.287 | 4.231 | MOY |
| MAX | 3.379 | 2.704 | 1.997 | 2.866 | 4.172 | 4.328 | 4.371 | 4.230 | 4.205 | 4.312 | 4.452 | 4.462 | MAX |
| MIN | 2.722 | 2.025 | 1.625 | 1.590 | 3.018 | 4.150 | 4.136 | 4.147 | 3.919 | 4.091 | 4.223 | 4.033 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 3.535
MAXIMUM QUOTIDIEN, 4.462 LE DEC 03
MINIMUM QUOTIDIEN, 1.590 LE AVR 19
MAXIMUM INSTANTANE,
4.475 LE 04 DEC A 00:08 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 47 34 16 N
LONG 079 10 33 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

BASSIN VERSANT,
23 400 km²

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 259.080 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

## RICHELIEU (RIVIERE) A CANTIC - STATION NO. 02OJ006

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.363 | 1.566 | 1.751 | 2.283 | 2.362 | 2.135 | 1.681 | 1.521 | --- | 1.366 | 1.963 | 2.105 | 1 |
| 2 | 1.362 | 1.507 | 1.746 | 2.278 | 2.310 | 2.113 | 1.663 | 1.506 | --- | 1.371 | 1.979 | 2.007 | 2 |
| 3 | 1.354 | 1.521 | 1.710 | 2.274 | 2.295 | 2.108 | 1.675 | 1.504 | --- | 1.359 | 1.940 | 1.991 | 3 |
| 4 | 1.371 | 1.534 | 1.718 | 2.367 | 2.269 | 2.070 | 1.693 | 1.508 | --- | 1.440 | 1.923 | 2.043 | 4 |
| 5 | 1.347 | 1.550 | 1.706 | 2.496 | 2.268 | 2.034 | 1.660 | 1.523 | --- | 1.374 | 1.890 | 2.013 | 5 |
| 6 | 1.354 | 1.553 | 1.671 | 2.531 | 2.271 | 2.044 | 1.683 | 1.537 | --- | 1.392 | 1.909 | 2.051 | 6 |
| 7 | 1.362 | 1.538 | 1.638 | 2.534 | 2.268 | 1.996 | 1.684 | 1.534 | --- | 1.345 | 1.867 | 2.017 | 7 |
| 8 | 1.345 | 1.545 | 1.600 | 2.530 | 2.268 | 1.984 | 1.714 | 1.555 | --- | 1.332 | 1.856 | 2.003 | 8 |
| 9 | 1.348 | 1.564 | 1.565 | 2.517 | 2.217 | 1.965 | 1.719 | 1.588 | --- | 1.337 | 1.874 | 2.000 | 9 |
| 10 | 1.330 | 1.565 | 1.566 | 2.511 | 2.236 | 1.941 | 1.664 | 1.609 | --- | 1.348 | 1.874 | 1.940 | 10 |
| 11 | 1.342 | 1.603 | 1.583 | 2.531 | 2.319 | 1.877 | 1.649 | 1.630 | --- | 1.419 | 1.955 | 1.943 | 11 |
| 12 | 1.337 | --- | 1.643 | 2.619 | 2.322 | 1.904 | 1.632 | 1.648 | 1.530E | 1.410A | 1.987 | 1.950 | 12 |
| 13 | 1.311 | --- | 1.733 | 2.652 | 2.328 | 1.905 | 1.618 | 1.690 | 1.518 | 1.431 | 2.002 | 1.951 | 13 |
| 14 | 1.300 | --- | --- | 2.662 | 2.310 | 1.894 | 1.627 | 1.738 | 1.515 | 1.466 | 2.042 | 1.880 | 14 |
| 15 | 1.300 | --- | --- | 2.658 | 2.269 | 1.875 | 1.625 | 1.798 | 1.563 | 1.528 | 2.082 | 1.904 | 15 |
| 16 | 1.285 | --- | --- | 2.610 | 2.285 | 1.837 | 1.607 | 1.807 | 1.496 | 1.532 | 2.063 | 1.840 | 16 |
| 17 | 1.304 | --- | --- | 2.619 | 2.273 | 1.825 | 1.599 | 1.819 | 1.466 | 1.594 | 2.041 | 1.846 | 17 |
| 18 | 1.332 | --- | --- | 2.568 | 2.261 | 1.844 | 1.586 | 1.807 | 1.445 | 1.617 | 2.108 | 1.918 | 18 |
| 19 | 1.319 | --- | 2.170A | 2.583 | 2.248 | 1.796 | 1.560 | 1.753 | 1.467 | 1.581 | 2.126 | 1.813 | 19 |
| 20 | 1.363 | 1.650A | --- | 2.567 | 2.242 | 1.771 | 1.576 | 1.781 | 1.448 | 1.612 | 2.152 | 1.835 | 20 |
| 21 | 1.340 | 1.685 | --- | 2.514 | 2.247 | 1.774 | 1.546 | 1.788 | 1.427 | 1.714 | 2.146 | 1.922 | 21 |
| 22 | 1.379 | 1.674 | --- | 2.520 | 2.261 | 1.764 | 1.525 | --- | 1.474 | 1.665 | 2.213 | 1.866 | 22 |
| 23 | 1.384 | 1.665 | --- | 2.496 | 2.268 | 1.778 | 1.565 | --- | 1.424 | 1.636 | 2.166 | 1.922 | 23 |
| 24 | 1.416 | 1.695 | --- | 2.491 | 2.281 | 1.765 | 1.582 | --- | 1.405 | 1.745 | 2.151 | 2.002 | 24 |
| 25 | 1.398 | 1.722 | --- | 2.496 | 2.272 | 1.754 | 1.591 | --- | 1.423 | 1.858 | 2.182 | 2.186 | 25 |
| 26 | 1.425 | 1.753 | --- | 2.460 | 2.260 | 1.755 | 1.593 | --- | 1.392 | 1.882 | 2.094 | 2.172 | 26 |
| 27 | 1.466 | 1.769 | 2.360A | 2.449 | 2.246 | 1.736 | 1.584 | 1.990A | 1.370 | 1.973 | 2.206 | 2.153 | 27 |
| 28 | 1.529 | 1.736 | --- | 2.421 | 2.222 | 1.691 | 1.579 | --- | 1.360 | 2.032 | 2.143 | 2.192 | 28 |
| 29 | 1.514 | | --- | 2.445 | 2.164 | 1.698 | 1.574 | --- | 1.331 | 1.978 | 2.064 | 2.248 | 29 |
| 30 | 1.521 | | --- | 2.396 | 2.133 | 1.669 | 1.579 | --- | 1.399 | 1.975 | 2.059 | 2.190 | 30 |
| 31 | 1.547 | | 2.302 | | 2.150 | | 1.571 | --- | | 1.960 | | 2.234 | 31 |
| MOY | 1.376 | --- | --- | 2.503 | 2.262 | 1.877 | 1.619 | --- | --- | 1.588 | 2.035 | 2.004 | MOY |
| MAX | 1.547 | --- | --- | 2.662 | 2.362 | 2.135 | 1.719 | --- | --- | 2.032 | 2.213 | 2.248 | MAX |
| MIN | 1.285 | --- | --- | 2.274 | 2.133 | 1.669 | 1.525 | --- | --- | 1.332 | 1.856 | 1.813 | MIN |

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 03 54 N
LONG 073 19 14 W

A - JAUGE MANUELLE
E - ESTIMATIVE
DEBIT NATUREL

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 27.740 m POUR OBTENIR LES COTES GEODESIQUES

## RICHELIEU (RIVIERE) A LA MARINA DE SAINT-JEAN - STATION NO. 02OJ016

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.536 | 0.779 | 0.851 | 1.349 | 1.417 | 1.223 | 0.753 | 0.573 | 0.787 | 0.528 | 1.036 | 1.224 | 1 |
| 2 | 0.531 | 0.663 | 0.849 | 1.346 | 1.370 | 1.199 | 0.755 | 0.573 | 0.736 | 0.539 | 1.069 | 1.115 | 2 |
| 3 | 0.523 | 0.655 | 0.813 | 1.328 | 1.352 | 1.202 | 0.771 | 0.576 | 0.694 | 0.529 | 1.032 | 1.076 | 3 |
| 4 | 0.546 | 0.684 | 0.834 | 1.419 | 1.328 | 1.161 | 0.760 | 0.578 | 0.741 | 0.655 | 1.026 | 1.134 | 4 |
| 5 | 0.515 | 0.720 | 0.823 | 1.546 | 1.295 | 1.121 | 0.729 | 0.588 | 0.726 | 0.559 | 0.978 | 1.134 | 5 |
| 6 | 0.525 | 0.726 | 0.807 | 1.560 | 1.287 | 1.138 | 0.754 | 0.596 | 0.707 | 0.583 | 1.030 | 1.169 | 6 |
| 7 | 0.535 | 0.692 | 0.798 | 1.553 | 1.299 | 1.088 | 0.756 | 0.570 | 0.662 | 0.516 | 0.987 | 1.125 | 7 |
| 8 | 0.510 | 0.705 | 0.798 | 1.547 | 1.300 | 1.080 | 0.783 | 0.602 | 0.664 | 0.493 | 0.967 | 1.109 | 8 |
| 9 | 0.517 | 0.738 | 0.808 | 1.560 | 1.308 | 1.054 | 0.796 | 0.633 | 0.726 | 0.495 | 0.983 | 1.105 | 9 |
| 10 | 0.491 | 0.754 | 0.820 | 1.524 | 1.301 | 1.025 | 0.735 | 0.643 | 0.684 | 0.509 | 0.991 | 1.048 | 10 |
| 11 | 0.523 | 0.797 | 0.819 | 1.536 | 1.272 | 0.947 | 0.719 | 0.657 | 0.643 | 0.609 | 1.053 | 1.058 | 11 |
| 12 | 0.518 | 0.797 | 0.829 | 1.628 | 1.257 | 1.006 | 0.693 | 0.680 | 0.652 | 0.597 | 1.076 | 1.061 | 12 |
| 13 | 0.487 | 0.938 | 0.852 | 1.650 | 1.247 | 1.016 | 0.686 | 0.694 | 0.628 | 0.608 | 1.087 | 1.094 | 13 |
| 14 | 0.458 | 0.783 | 0.875 | 1.667 | 1.249 | 1.016 | 0.695 | 0.758 | 0.717 | 0.635 | 1.128 | 0.997 | 14 |
| 15 | 0.488 | 0.784 | 0.916 | 1.673 | 1.284 | 0.983 | 0.701 | 0.796 | 0.691 | 0.697 | 1.175 | 1.031 | 15 |
| 16 | 0.458 | 0.749 | 0.990 | 1.618 | 1.257 | 0.944 | 0.681 | 0.803 | 0.627 | 0.693 | 1.151 | 0.959 | 16 |
| 17 | 0.488 | 0.764 | 1.110 | 1.640 | 1.311 | 0.945 | 0.672 | 0.826 | 0.596 | 0.756 | 1.108 | 0.975 | 17 |
| 18 | 0.518 | 0.796 | 1.209 | 1.575 | 1.325 | 0.981 | 0.660 | 0.809 | 0.585 | 0.815 | 1.158 | 1.081 | 18 |
| 19 | 0.505 | 0.790 | 1.252 | 1.601 | 1.300 | 0.901 | 0.632 | 0.752 | 0.609 | 0.769 | 1.175 | 0.960 | 19 |
| 20 | 0.553 | 0.791 | 1.271 | 1.601 | 1.278 | 0.873 | 0.627 | 0.793 | 0.587 | 0.766 | 1.213 | 0.947 | 20 |
| 21 | 0.449 | 0.801 | 1.325 | 1.535 | 1.280 | 0.875 | 0.609 | 0.807 | 0.576 | 0.868 | 1.207 | 1.076 | 21 |
| 22 | 0.513 | 0.792 | 1.442 | 1.540 | 1.297 | 0.872 | 0.584 | 0.804 | 0.631 | 0.832 | 1.278 | 1.003 | 22 |
| 23 | 0.540 | 0.785 | 1.424 | 1.513 | 1.302 | 0.880 | 0.592 | 0.793 | 0.576 | 0.759 | 1.256 | 1.061 | 23 |
| 24 | 0.586 | 0.808 | 1.420 | 1.514 | 1.327 | 0.873 | 0.625 | 0.792 | 0.569 | 0.868 | 1.247 | 1.091 | 24 |
| 25 | 0.574 | 0.805 | 1.448 | 1.533 | 1.320 | 0.858 | 0.635 | 0.785 | 0.597 | 0.960 | 1.271 | 1.264 | 25 |
| 26 | 0.630 | 0.849 | 1.417 | 1.487 | 1.313 | 0.864 | 0.640 | 0.780 | 0.559 | 0.952 | 1.170 | 1.271 | 26 |
| 27 | 0.691 | 0.853 | 1.407 | 1.483 | 1.303 | 0.838 | 0.630 | 0.781 | 0.538 | 1.039 | 1.299 | 1.201 | 27 |
| 28 | 0.777 | 0.852 | 1.406 | 1.447 | 1.286 | 0.789 | 0.627 | 0.780 | 0.530 | 1.125 | 1.268 | 1.211 | 28 |
| 29 | 0.711 | | 1.369 | 1.483 | 1.206 | 0.785 | 0.626 | 0.779 | 0.486 | 1.022 | 1.162 | 1.124 | 29 |
| 30 | 0.693 | | 1.397 | 1.446 | 1.170 | 0.761 | 0.637 | 0.765 | 0.542 | 1.061 | 1.151 | 1.169 | 30 |
| 31 | 0.745 | | 1.369 | | 1.223 | | 0.612 | 0.774 | | 1.043 | | 1.282 | 31 |
| MOY | 0.553 | 0.773 | 1.089 | 1.530 | 1.292 | 0.977 | 0.683 | 0.714 | 0.636 | 0.738 | 1.124 | 1.102 | MOY |
| MAX | 0.777 | 0.938 | 1.448 | 1.673 | 1.417 | 1.223 | 0.796 | 0.826 | 0.787 | 1.125 | 1.299 | 1.282 | MAX |
| MIN | 0.449 | 0.655 | 0.798 | 1.328 | 1.170 | 0.761 | 0.584 | 0.570 | 0.486 | 0.493 | 0.967 | 0.947 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 0.934
MAXIMUM QUOTIDIEN, 1.673 LE AVR 15
MINIMUM QUOTIDIEN, 0.449 LE JAN 21
MAXIMUM INSTANTANE,
1.734 LE 15 AVR A 06:59 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 18 03 N
LONG 073 15 04 W

A - JAUGE MANUELLE
E - ESTIMATIVE
DEBIT NATUREL

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 28.301 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

## RICHELIEU (RIVIERE) AUX RAPIDES FRYERS - STATION NO. 02OJ007

### DEBITS QUOTIDIENS EN METRES CUBES PAR SECONDE - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 198B | 355B | 415B | 775 | 820 | 690 | 373 | 245 | 313 | 246 | 544 | 678 | 1 |
| 2 | 192B | 350B | 418B | 771 | 788 | 677 | 372 | 244 | 299 | 249 | 560 | 616 | 2 |
| 3 | 192B | 350B | 420B | 761 | 775 | 678 | 380 | 244 | 274 | 243 | 542 | 591 | 3 |
| 4 | 195B | 350B | 424B | 809 | 760 | 653 | 375 | 245 | 293 | 304 | 539 | 629 | 4 |
| 5 | 198B | 350B | 425B | 899 | 745 | 626 | 354 | 245 | 295 | 261 | 514 | 624 | 5 |
| 6 | 210B | 350B | 429B | 913A | 733 | 635 | 365 | 253 | 285 | 268 | 545 | 646 | 6 |
| 7 | 230B | 350B | 432B | 916 | 743 | 610 | 364 | 239 | 274 | 246 | 522 | 620 | 7 |
| 8 | 252B | 350B | 438B | 910 | 743 | 600 | 375 | 249 | 265 | 231 | 509 | 613 | 8 |
| 9 | 262B | 355B | 448 | 918 | 757 | 589 | 390 | 263 | 294 | 234 | 519 | 608 | 9 |
| 10 | 265B | 260B | 461 | 897 | 747 | 570 | 355 | 268 | 283 | 239 | 531 | 586 | 10 |
| 11 | 268B | 365B | 465 | 894 | 729 | 522 | 344 | 272 | 261 | 288 | 561 | 578 | 11 |
| 12 | 268B | 372B | 472 | 962 | 715 | 555 | 333 | 280 | 264 | 291 | 578 | 585 | 12 |
| 13 | 268B | 385B | 487 | 980 | 710 | 560 | 323 | 291 | 254 | 291 | 584 | 614 | 13 |
| 14 | 265B | 395B | 496 | 994 | 711 | 561 | 327 | 315 | 289 | 303 | 605 | 547 | 14 |
| 15 | 262B | 400B | 519 | 1 000 | 733 | 542 | 328 | 333 | 288 | 335 | 640 | 574 | 15 |
| 16 | 262B | 390B | 559 | 961 | 717 | 513 | 318 | 334 | 253 | 334 | 623 | 531 | 16 |
| 17 | 263B | 372B | 639 | 976 | 748 | 506 | 314 | 342 | 241 | 366 | 604 | 539 | 17 |
| 18 | 260B | 370B | 691 | 926 | 760 | 526 | 307 | 339 | 237 | 407 | 626 | 605 | 18 |
| 19 | 267B | 370B | 716 | 948 | 742 | 481 | 293 | 305 | 246 | 388 | 637 | 544 | 19 |
| 20 | 259B | 372B | 728 | 949 | 729 | 457 | 292 | 319 | 243 | 378 | 663 | 524 | 20 |
| 21 | 268B | 385B | 752 | 903 | 729 | 458 | 282 | 327 | 237 | 426 | 658 | 602 | 21 |
| 22 | 278B | 395B | 826 | 903 | 735 | 456 | 268 | 326 | 262 | 420 | 696 | 564 | 22 |
| 23 | 285B | 400B | 843 | 865 | 736 | 457 | 277 | 321 | 246 | 377 | 689 | 606 | 23 |
| 24 | 295B | 402B | 815 | 884 | 754 | 448 | 283 | 320 | 241 | 433 | 673 | 608 | 24 |
| 25 | 305B | 402B | 840 | 899 | 748 | 434 | 287 | 317 | 255 | 489 | 700 | 640B | 25 |
| 26 | 320B | 402B | 826 | 867 | 746 | 436 | 287 | 316 | 241 | 487 | 641 | 642B | 26 |
| 27 | 332B | 406B | 809 | 863 | 740 | 423 | 280 | 315 | 234 | 531 | 715 | 640B | 27 |
| 28 | 345B | 409B | 819 | 838 | 731 | 393 | 273 | 312 | 234 | 592 | 704 | 638B | 28 |
| 29 | 349B | | 786 | 861 | 681 | 391 | 270 | 306 | 223 | 534 | 617 | 637B | 29 |
| 30 | 350B | | 798 | 841 | 658 | 375 | 273 | 305 | 248 | 555 | 626 | 640B | 30 |
| 31 | 357B | | 795 | | 688 | | 267 | 309 | | 545 | | 640B | 31 |
| TOTAL | 8 310 | 10 412 | 18 991 | 26 903 | 22 851 | 15 822 | 9 929 | 9 110 | 7 872 | 11 291 | 18 185 | 18 709 | TOTAL |
| MOY | 268 | 372 | 613 | 897 | 737 | 527 | 320 | 294 | 262 | 364 | 606 | 604 | MOY |
| MAX | 357 | 409 | 843 | 1 000 | 820 | 690 | 390 | 342 | 313 | 592 | 715 | 678 | MAX |
| MIN | 192 | 260 | 415 | 761 | 658 | 375 | 267 | 239 | 223 | 231 | 509 | 524 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

DEBITS EN METRES CUBES PAR SECONDE

MOYEN, 489
MAXIMUM QUOTIDIEN, 1 000 LE AVR 15
MINIMUM QUOTIDIEN, 192B LE JAN 02
MAXIMUM INSTANTANE,
1 040 LE 15 AVR A 06:57 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 23 54 N
LONG 073 15 32 W

BASSIN VERSANT, 22 000 km²
A - JAUGE MANUELLE
B - GLACES

DEBIT NATUREL

DEBIT TOTAL MENSUEL
EN DECAMETRES CUBES

| | | | |
|---|---|---|---|
| JAN | 718 000 | JUL | 858 000 |
| FEV | 900 000 | AOU | 787 000 |
| MAR | 1 640 000 | SEP | 680 000 |
| AVR | 2 320 000 | OCT | 976 000 |
| MAI | 1 970 000 | NOV | 1 570 000 |
| JUN | 1 370 000 | DEC | 1 620 000 |

DEBIT TOTAL, 15 400 000 dam³

## RICHELIEU (RIVIERE) EN AMONT DU BARRAGE FRYERS - STATION NO. 020J012

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.463 | 1.608 | 1.807 | --- | 2.157 | 1.971 | 1.522 | 1.312 | 1.512 | 1.349 | 1.815 | 1.977 | 1 |
| 2 | 1.687 | 1.512 | 1.770 | --- | 2.115 | 1.958 | 1.518 | 1.312 | 1.483 | 1.351 | 1.839 | 1.894 | 2 |
| 3 | 1.525 | 1.543 | 1.742 | --- | 2.079 | 1.936 | 1.513 | 1.314 | 1.425 | 1.334 | 1.818 | 1.857 | 3 |
| 4 | 1.427 | 1.595 | 1.762 | --- | 2.077 | 1.923 | 1.527 | 1.318 | 1.466 | 1.492 | 1.811 | 1.908 | 4 |
| 5 | 1.407 | 1.604 | 1.748 | --- | 2.053 | 1.884 | 1.494 | 1.319 | 1.471 | 1.375 | 1.766 | 1.908 | 5 |
| 6 | 1.464 | 1.558 | 1.727 | 2.296E | 2.032 | 1.900 | 1.514 | 1.333 | 1.449 | 1.390 | 1.812 | 1.938 | 6 |
| 7 | 1.622 | 1.572 | 1.712 | 2.283 | 2.044 | 1.864 | 1.518 | 1.306 | 1.425 | 1.348 | 1.779 | 1.906 | 7 |
| 8 | 1.459 | 1.573 | 1.690 | 2.275 | 2.044 | 1.850 | 1.533 | 1.327 | 1.399 | 1.307 | 1.755 | 1.899 | 8 |
| 9 | 1.407 | 1.577 | 1.653 | 2.287 | 2.064 | 1.836 | 1.559 | 1.358 | 1.464 | 1.314 | 1.762 | 1.890 | 9 |
| 10 | 1.370 | 1.586 | 1.658 | 2.264 | 2.048 | 1.808 | 1.499 | 1.370 | 1.441 | 1.322 | 1.785 | 1.857 | 10 |
| 11 | 1.390 | 1.631 | 1.662 | 2.261 | 2.022 | 1.732 | 1.480 | 1.380 | 1.395 | 1.427 | 1.822 | 1.836 | 11 |
| 12 | 1.396 | 1.685 | 1.666 | 2.330 | 2.003 | 1.786 | 1.457 | 1.401 | 1.401 | 1.433 | 1.848 | 1.854 | 12 |
| 13 | 1.406 | 1.898 | 1.679 | 2.351 | 1.996 | 1.796 | 1.443 | 1.423 | 1.383 | 1.428 | 1.853 | 1.895 | 13 |
| 14 | 1.467 | 1.698 | 1.690 | 2.370 | 2.000 | 1.797 | 1.450 | 1.477 | 1.452 | 1.451 | 1.884 | 1.789 | 14 |
| 15 | 1.497 | 1.870 | 1.719 | 2.382 | 2.027 | 1.772 | 1.455 | 1.514 | 1.453 | 1.512 | 1.934 | 1.829 | 15 |
| 16 | 1.469 | 1.868 | 1.782 | 2.329 | 2.000 | 1.727 | 1.436 | 1.523 | 1.380 | 1.508 | 1.920 | 1.769 | 16 |
| 17 | 1.400 | 1.806 | 1.900 | 2.296 | 2.038 | 1.717 | 1.426 | 1.539 | 1.356 | 1.555 | 1.890 | 1.776 | 17 |
| 18 | 1.417 | 1.683 | 1.966 | 2.290 | 2.057 | 1.747 | 1.413 | 1.538 | 1.345 | 1.625 | 1.916 | 1.873 | 18 |
| 19 | 1.423 | 1.815 | 1.997 | 2.311 | 2.038 | 1.801 | 1.431 | 1.470 | 1.362 | 1.592 | 1.937 | 1.787 | 19 |
| 20 | 1.490 | 1.811 | 2.011 | 2.316 | 2.017 | 1.838 | 1.386 | 1.505 | 1.362 | 1.567 | 1.964 | 1.748 | 20 |
| 21 | 1.488 | 1.888 | 2.053 | 2.262 | 2.015 | 1.542 | 1.364 | 1.526 | 1.342 | 1.648 | 1.962 | 1.871 | 21 |
| 22 | 1.566 | 1.756 | 2.134E | 2.259 | 2.023 | 1.640 | 1.339 | 1.525 | 1.394 | 1.640 | 2.012 | 1.813 | 22 |
| 23 | 1.483 | 1.706 | --- | 2.237 | 2.026 | 1.644 | 1.356 | 1.516 | 1.364 | 1.561 | 2.000 | 1.869 | 23 |
| 24 | 1.461 | 1.832 | --- | 2.238 | 2.048 | 1.630 | 1.370 | 1.513 | 1.352 | 1.651 | 1.977 | 1.870 | 24 |
| 25 | 1.444 | 1.869 | --- | 2.254 | 2.044 | 1.611 | 1.380 | 1.510 | 1.381 | 1.736 | 2.012 | 1.993 | 25 |
| 26 | 1.503 | 1.927 | --- | 2.216 | 2.039 | 1.619 | 1.381 | 1.507 | 1.351 | 1.733 | 1.936 | 2.040 | 26 |
| 27 | 1.528 | 1.956 | --- | 2.211 | 2.035 | 1.600 | 1.371 | 1.505 | 1.332 | 1.791 | 2.028 | 1.975 | 27 |
| 28 | 1.598 | 1.906 | --- | 2.182 | 2.021 | 1.555 | 1.363 | 1.502 | 1.333 | 1.883 | 2.022 | 2.018 | 28 |
| 29 | 1.531 | | --- | 2.205 | 1.955 | 1.551 | 1.359 | 1.512 | 1.306 | 1.800 | 1.934 | 2.095 | 29 |
| 30 | 1.501 | | --- | 2.181 | 1.926 | 1.524 | 1.364 | 1.494 | 1.352 | 1.829 | 1.918 | 2.081 | 30 |
| 31 | 1.565 | | --- | | 1.967 | | 1.350 | 1.502 | | 1.818 | | 2.028 | 31 |
| MOY | 1.479 | 1.723 | --- | --- | 2.033 | 1.745 | 1.437 | 1.440 | 1.398 | 1.540 | 1.890 | 1.898 | MOY |
| MAX | 1.687 | 1.956 | --- | --- | 2.157 | 1.971 | 1.559 | 1.539 | 1.512 | 1.883 | 2.028 | 2.095 | MAX |
| MIN | 1.370 | 1.512 | --- | --- | 1.926 | 1.524 | 1.339 | 1.306 | 1.306 | 1.307 | 1.755 | 1.748 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 2.382 LE AVR 15
MINIMUM QUOTIDIEN, 1.306 LE AOU 07
MAXIMUM INSTANTANE,
2.421 LE 15 AVR A 06:18 HNE

TYPE DE JAUGE - MANUELLE
EMPLACEMENT - LAT 45 23 41 N
LONG 073 15 22 W

A - JAUGE MANUELLE
E - ESTIMATIVE
DEBIT NATUREL

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 25.000 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

## RICHELIEU (RIVIERE) EN AMOUNT DU BARRAGE DE ST-OURS - STATION NO. 020J018

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 6.813 | 6.837 | 6.864 | 6.972 | 6.876 | 6.843 | 6.805 | 6.814 | 6.845 | 6.911 | 6.829 | 1 |
| 2 | --- | 7.111 | 6.840 | 6.863 | 6.892 | 6.871 | 6.819 | 6.798 | 6.781 | 6.842 | 6.901 | 6.828 | 2 |
| 3 | --- | 7.020 | 6.838 | 6.860 | 6.798 | 6.868 | 6.816 | 6.796 | 6.793 | 6.816 | 6.831 | 6.842 | 3 |
| 4 | --- | 6.987 | 6.837 | 7.190 | 6.713 | 6.869 | 6.847 | 6.787 | 6.822 | 6.818 | 6.828 | 6.824 | 4 |
| 5 | --- | 6.954 | 6.837 | 7.365 | 6.614 | 6.858 | 6.844 | 6.789 | 6.817 | 6.782 | 6.795 | 6.832 | 5 |
| 6 | --- | 6.876 | 6.836 | 7.187 | 6.541 | 6.852 | 6.828 | 6.785 | 6.795 | 6.800 | 6.909 | 6.846 | 6 |
| 7 | --- | 6.833 | 6.836 | 7.052 | 6.476 | 6.854 | 6.838 | 6.801 | 6.822 | 6.809 | 6.972 | 6.844 | 7 |
| 8 | --- | 6.837 | 6.837 | 6.930 | 6.970 | 6.864 | 6.829 | 6.791 | 6.843 | 6.794 | 6.888 | 6.848 | 8 |
| 9 | --- | 6.844 | 6.838 | 6.829 | 6.893 | 6.878 | 6.836 | 6.818 | 6.839 | 6.775 | 6.906 | 6.840 | 9 |
| 10 | --- | 6.837 | --- | 6.866 | 6.861 | 6.852 | 6.824 | 6.816 | 6.867 | 6.797 | 6.817 | 6.851 | 10 |
| 11 | 6.818A | 6.838 | --- | 6.913 | 6.839 | 6.840 | 6.827 | 6.815 | 6.828 | 6.823 | 6.893 | 6.848 | 11 |
| 12 | --- | 6.835 | --- | 6.943 | 6.727E | 6.859 | 6.833 | 6.802 | 6.842 | 6.788 | 6.955 | 6.848 | 12 |
| 13 | 6.825 | 6.815 | --- | 6.953 | --- | 6.847 | 6.823 | 6.801 | 6.925 | 6.771 | 6.937 | 6.841 | 13 |
| 14 | 6.827 | 6.837 | --- | 6.985 | --- | 6.860 | 6.830 | 6.817 | 6.852 | 6.791 | 6.935 | 6.846 | 14 |
| 15 | 6.827 | 6.838 | --- | 7.079 | --- | 6.840 | 6.839 | 6.779 | 6.781 | 6.794 | 6.932 | 6.843 | 15 |
| 16 | 6.829 | 6.839 | --- | 7.044 | --- | 6.821 | 6.837 | 6.818 | 6.780 | 6.776 | 6.783 | 6.920 | 16 |
| 17 | 6.835 | 6.836 | --- | 6.928 | --- | 6.822 | 6.821 | 6.822 | 6.782 | 6.796 | 6.810 | 6.928 | 17 |
| 18 | 6.845 | 6.837 | --- | 6.956 | --- | 6.849 | 6.807 | 6.820 | 6.796 | 6.831 | 6.793 | 6.847 | 18 |
| 19 | 6.850 | 6.882 | 6.878E | 6.945 | --- | 6.841 | 6.810 | 6.806 | 6.771 | 6.914 | 6.780 | 6.816 | 19 |
| 20 | 6.845 | 6.862 | 6.826 | 6.949 | --- | 6.851 | 6.807 | 6.817 | 6.766 | 6.813 | 6.804 | 6.851 | 20 |
| 21 | 6.844 | 6.833 | 6.884 | 6.947 | --- | 6.845 | 6.806 | 6.819 | 6.800 | 6.808 | 6.841 | 6.826 | 21 |
| 22 | 6.848 | 6.836 | 7.012 | 6.946 | --- | 6.856 | 6.802 | 6.818 | 6.810 | 6.810 | 6.837 | 6.838 | 22 |
| 23 | 6.842 | 6.835 | 6.951 | 6.922 | --- | 6.860 | 6.808 | 6.815 | 6.793 | 6.830 | 6.843 | 7.042 | 23 |
| 24 | 6.839 | 6.835 | 6.794 | 6.818 | 6.903E | 6.858 | 6.806 | 6.826 | 6.788 | 6.822 | 6.850 | 7.052 | 24 |
| 25 | 6.838 | 6.834 | 6.709 | 6.776 | 6.891 | 6.859 | 6.834 | 6.825 | 6.762 | 6.805 | 6.834 | 6.804 | 25 |
| 26 | 7.034 | 6.836 | 6.827 | 6.790 | 6.873 | 6.861 | 6.849 | 6.810 | 6.813 | 6.816 | 6.809 | 6.809 | 26 |
| 27 | 7.169 | 6.835 | 6.909 | 6.792 | 6.858 | 6.858 | 6.830 | 6.808 | 6.813 | 6.821 | 6.841 | 6.820 | 27 |
| 28 | 7.197 | 6.836 | 6.887 | 6.815 | 6.890 | 6.840 | 6.808 | 6.782 | 6.799 | 6.862 | 6.819 | 6.822 | 28 |
| 29 | 7.074 | | 6.855 | 6.939 | 6.923 | 6.820 | 6.813 | 6.802 | 6.776 | 6.836 | 6.850 | 6.915 | 29 |
| 30 | 6.920 | | 6.869 | 7.007 | 6.842 | 6.830 | 6.822 | 6.785 | 6.787 | 6.834 | 6.843 | 7.280 | 30 |
| 31 | 6.777 | | 6.871 | | 6.878 | | 6.819 | 6.810 | | 6.813 | | 7.267 | 31 |
| MOY | --- | 6.865 | --- | 6.942 | --- | 6.852 | 6.824 | 6.806 | 6.809 | 6.814 | 6.858 | 6.886 | MOY |
| MAX | --- | 7.111 | --- | 7.365 | --- | 6.878 | 6.849 | 6.826 | 6.925 | 6.914 | 6.972 | 7.280 | MAX |
| MIN | --- | 6.813 | --- | 6.776 | --- | 6.820 | 6.802 | 6.779 | 6.766 | 6.771 | 6.780 | 6.804 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 7.365 LE AVR 05

MAXIMUM INSTANTANE,
7.413 LE 04 AVR A 18:47 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 51 47 N
LONG 073 08 52 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

BASSIN VERSANT,
22 700 km²

PLAN DE REFERENCE : SERVICE GEODESIQUE DU CANADA

## RICHELIEU (RIVIERE) EN AVAL DU BARRAGE FRYERS - STATION NO. 02OJ013

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.365 | 1.525 | 1.588 | --- | 2.020 | 1.854 | 1.435 | 1.262 | 1.431 | 1.293 | 1.719 | 1.870 | 1 |
| 2 | 1.535 | 1.444 | 1.606 | --- | 1.981 | 1.839 | 1.431 | 1.262 | 1.406 | 1.291 | 1.738 | 1.795 | 2 |
| 3 | 1.408 | 1.481 | 1.574 | --- | 1.964 | 1.838 | 1.446 | 1.269 | 1.355 | 1.274 | 1.721 | 1.754 | 3 |
| 4 | 1.338 | 1.537 | 1.581 | --- | 1.953 | 1.806 | 1.437 | 1.274 | 1.389 | 1.383 | 1.716 | 1.807 | 4 |
| 5 | 1.327 | 1.526 | 1.579 | --- | 1.929 | 1.768 | 1.412 | 1.275 | 1.392 | 1.312 | 1.676 | 1.802 | 5 |
| 6 | 1.375 | 1.500 | 1.573 | --- | 1.907 | 1.781 | 1.430 | 1.291 | 1.371 | 1.322 | 1.715 | 1.830 | 6 |
| 7 | 1.489 | 1.511 | 1.570 | --- | 1.927 | 1.751 | 1.429 | 1.266 | 1.353 | 1.294 | 1.687 | 1.801 | 7 |
| 8 | 1.366 | 1.510 | 1.569 | --- | 1.923 | 1.736 | 1.444 | 1.288 | 1.332 | 1.251 | 1.668 | 1.792 | 8 |
| 9 | 1.327 | 1.505 | 1.548 | --- | 1.946 | 1.725 | 1.472 | 1.317 | 1.383 | 1.259 | 1.677 | 1.780 | 9 |
| 10 | 1.297 | 1.510 | 1.562 | --- | 1.929 | 1.698 | 1.414 | 1.324 | 1.363 | 1.259 | 1.694 | 1.758 | 10 |
| 11 | 1.316 | 1.549 | 1.563 | --- | 1.902 | 1.635 | 1.396 | 1.335 | 1.325 | 1.351 | 1.727 | 1.740 | 11 |
| 12 | 1.318 | 1.552 | 1.568 | 1.859A | 1.871 | 1.601 | 1.382 | 1.353 | 1.325 | 1.359 | 1.754 | 1.752 | 12 |
| 13 | 1.321 | 1.598 | 1.583 | --- | 1.886 | 1.592 | 1.368 | 1.374 | 1.317 | 1.356 | 1.760 | 1.798 | 13 |
| 14 | 1.360 | 1.548 | 1.593 | 1.839A | 1.891 | 1.594 | 1.370 | 1.423 | 1.375 | 1.378 | 1.790 | 1.701 | 14 |
| 15 | 1.377 | 1.551 | 1.625 | --- | 1.919 | 1.671 | 1.376 | 1.450 | 1.373 | 1.432 | 1.833 | 1.738 | 15 |
| 16 | 1.360 | 1.581 | 1.678 | --- | 1.893 | 1.632 | 1.359 | 1.457 | 1.310 | 1.431 | 1.813 | 1.684 | 16 |
| 17 | 1.307 | 1.564 | --- | --- | 1.931 | 1.620 | 1.350 | 1.472 | 1.292 | 1.475 | 1.785 | 1.692 | 17 |
| 18 | 1.337 | 1.528 | --- | --- | 1.949 | 1.644 | 1.338 | 1.469 | 1.281 | 1.538 | 1.812 | 1.780 | 18 |
| 19 | 1.347 | 1.592 | --- | 1.829A | 1.925 | 1.584 | 1.319 | 1.412 | 1.292 | 1.515 | 1.827 | 1.701 | 19 |
| 20 | 1.411 | 1.551 | 1.229A | --- | 1.906 | 1.548 | 1.314 | 1.440 | 1.295 | 1.493 | 1.854 | 1.669 | 20 |
| 21 | 1.401 | 1.579 | --- | 1.839A | 1.909 | 1.553 | 1.302 | 1.457 | 1.281 | 1.562 | 1.848 | 1.780 | 21 |
| 22 | 1.459 | 1.584 | --- | --- | 1.917 | 1.550 | 1.281 | 1.455 | 1.320 | 1.560 | 1.897 | 1.725 | 22 |
| 23 | 1.389 | 1.559 | --- | --- | 1.919 | 1.552 | 1.292 | 1.448 | 1.302 | 1.490 | 1.891 | 1.776 | 23 |
| 24 | 1.375 | 1.578 | --- | --- | 1.936 | 1.544 | 1.303 | 1.446 | 1.291 | 1.571 | 1.869 | 1.779 | 24 |
| 25 | 1.367 | 1.543 | --- | 2.100 | 1.935 | 1.523 | 1.311 | 1.440 | 1.310 | 1.648 | 1.904 | 1.896 | 25 |
| 26 | 1.421 | 1.559 | --- | 2.070 | 1.932 | 1.525 | 1.316 | 1.434 | 1.289 | 1.648 | 1.827 | 1.932 | 26 |
| 27 | 1.447 | 1.577 | --- | 2.071 | 1.927 | 1.509 | 1.310 | 1.434 | 1.274 | 1.699 | 1.916 | 1.868 | 27 |
| 28 | 1.514 | 1.577 | --- | 2.044 | 1.919 | 1.463 | 1.304 | 1.430 | 1.270 | 1.779 | 1.913 | 1.914 | 28 |
| 29 | 1.455 | | --- | 2.062 | 1.849 | 1.463 | 1.301 | 1.434 | 1.247 | 1.705 | 1.831 | 1.982 | 29 |
| 30 | 1.431 | | --- | 2.041 | 1.819 | 1.438 | 1.307 | 1.416 | 1.287 | 1.732 | 1.811 | 1.973 | 30 |
| 31 | 1.485 | | 1.469A | | 1.852 | | 1.298 | 1.421 | | 1.720 | | 1.926 | 31 |
| MOY | 1.388 | 1.544 | --- | --- | 1.918 | 1.644 | 1.363 | 1.382 | 1.328 | 1.464 | 1.789 | 1.800 | MOY |
| MAX | 1.535 | 1.598 | --- | --- | 2.020 | 1.854 | 1.472 | 1.472 | 1.431 | 1.779 | 1.916 | 1.982 | MAX |
| MIN | 1.297 | 1.444 | --- | --- | 1.819 | 1.438 | 1.281 | 1.262 | 1.247 | 1.251 | 1.668 | 1.669 | MIN |

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - MANUELLE
EMPLACEMENT - LAT 45 23 42 N
LONG 073 15 22 W

A - JAUGE MANUELLE
E - ESTIMATIVE
DEBIT NATUREL

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 25.000 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

## RIVE SUD (CANAL DE LA) A COTE-SAINTE-CATHERINE - STATION NO. 020A024

### DEBITS QUOTIDIENS EN METRES CUBES PAR SECONDE - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 185 | 155 | 155 | 174 | 174 | 179 | 122 | 162 | 114 | 127 | 180 | 170 | 1 |
| 2 | 185 | 155 | 155 | 164 | 147 | 189 | 144 | 159 | 114 | 153 | 204 | 171 | 2 |
| 3 | 185 | 155 | 155 | 194 | 147 | 202 | 129 | 137 | 114 | 154 | 178 | 189 | 3 |
| 4 | 185 | 155 | 155 | 60.0 | 202 | 213 | 151 | 144 | 135 | 160 | 189 | 178 | 4 |
| 5 | 185 | 155 | 155 | 117 | 167 | 190 | 159 | 127 | 135 | 160 | 189 | 204 | 5 |
| 6 | 185 | 134 | 155 | 165 | 179 | 164 | 145 | 133 | 144 | 155 | 158 | 234 | 6 |
| 7 | 185 | 135 | 155 | 189 | 174 | 174 | 140 | 139 | 144 | 146 | 186 | 267 | 7 |
| 8 | 185 | 155 | 161 | 189 | 189 | 165 | 163 | 159 | 145 | 159 | 180 | 227 | 8 |
| 9 | 185 | 155 | 230 | 180 | 194 | 198 | 148 | 157 | 127 | 171 | 173 | 231 | 9 |
| 10 | 185 | 150 | 230 | 180 | 174 | 189 | 159 | 114 | 138 | 181 | 185 | 244 | 10 |
| 11 | 185 | 125 | 230 | 180 | 182 | 199 | 159 | 116 | 125 | 174 | 154 | 243 | 11 |
| 12 | 185 | 130 | 230 | 166 | 160 | 178 | 145 | 150 | 132 | 174 | 198 | 189 | 12 |
| 13 | 185 | 155 | 210 | 188 | 207 | 173 | 145 | 132 | 155 | 175 | 204 | 230 | 13 |
| 14 | 185 | 155 | 205 | 177 | 180 | 185 | 145 | 170 | 159 | 124 | 237 | 212 | 14 |
| 15 | 185 | 155 | 267 | 145 | 171 | 145 | 145 | 189 | 136 | 167 | 240 | 250 | 15 |
| 16 | 185 | 155 | 228 | 204 | 193 | 161 | 145 | 189 | 140 | 159 | 215 | 247 | 16 |
| 17 | 185 | 155 | 224 | 204 | 179 | 146 | 145 | 168 | 159 | 165 | 190 | 234 | 17 |
| 18 | 185 | 155 | 203 | 204 | 160 | 189 | 145 | 130 | 159 | 161 | 185 | 229 | 18 |
| 19 | 170 | 155 | 172 | 207 | 169 | 196 | 145 | 95.0 | 119 | 104 | 185 | 234 | 19 |
| 20 | 170 | 155 | 249 | 199 | 187 | 180 | 159 | 128 | 155 | 148 | 200 | 234 | 20 |
| 21 | 170 | 155 | 211 | 215 | 170 | 174 | 190 | 146 | 124 | 185 | 195 | 200 | 21 |
| 22 | 114 | 155 | 162 | 180 | 174 | 174 | 171 | 142 | 170 | 194 | 189 | 160 | 22 |
| 23 | 129 | 155 | 164 | 179 | 194 | 165 | 184 | 132 | 165 | 159 | 172 | 178 | 23 |
| 24 | 129 | 155 | 136 | 219 | 192 | 160 | 182 | 127 | 191 | 130 | 168 | 139 | 24 |
| 25 | 129 | 155 | 178 | 185 | 180 | 159 | 161 | 138 | 185 | 114 | 185 | 219 | 25 |
| 26 | 129 | 155 | 162 | 189 | 189 | 129 | 191 | 132 | 204 | 114 | 172 | 189 | 26 |
| 27 | 124 | 155 | 200 | 164 | 193 | 124 | 177 | 138 | 110 | 121 | 189 | 189 | 27 |
| 28 | 100 | 155 | 194 | 174 | 204 | 122 | 189 | 144 | 168 | 162 | 183 | 189 | 28 |
| 29 | 100 | | 175 | 174 | 194 | 124 | 196 | 123 | 165 | 164 | 169 | 125 | 29 |
| 30 | 100 | | 175 | 174 | 200 | 127 | 159 | 114 | 156 | 174 | 172 | 114 | 30 |
| 31 | 100 | | 175 | | 204 | | 160 | 114 | | 174 | | 114 | 31 |
| TOTAL | 4 994 | 4 239 | 5 856 | 5 339.0 | 5 629 | 5 073 | 4 898 | 4 348.0 | 4 387 | 4 818 | 5 624 | 6 233 | TOTAL |
| MOY | 161 | 151 | 189 | 178 | 182 | 169 | 158 | 140 | 146 | 155 | 187 | 201 | MOY |
| MAX | 185 | 155 | 267 | 219 | 207 | 213 | 196 | 189 | 204 | 194 | 240 | 267 | MAX |
| MIN | 100 | 125 | 136 | 60.0 | 147 | 122 | 122 | 95.0 | 110 | 104 | 154 | 114 | MIN |

DEBITS EN METRES CUBES PAR SECONDE

MOYEN, 168

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 24 22 N
LONG 073 34 35 W

REGULARISE DEPUI1959

DEBIT TOTAL MENSUEL
EN DECAMETRES CUBES

| | | | |
|---|---|---|---|
| JAN | 431 000 | JUL | 423 000 |
| FEV | 366 000 | AOU | 376 000 |
| MAR | 506 000 | SEP | 379 000 |
| AVR | 461 000 | OCT | 416 000 |
| MAI | 486 000 | NOV | 486 000 |
| JUN | 438 000 | DEC | 539 000 |

DEBIT TOTAL, 5 310 000 dam³

## SAINT-LAURENT (FLEUVE) A CONTRECOEUR - STATION NO. 02OJ021

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.19 | 5.47 | 5.23 | 5.59 | 6.45 | 5.35 | 5.04 | 4.73 | 4.54 | 4.61 | 5.17 | 5.31 | 1 |
| 2 | 5.13 | 5.40 | 5.16 | 5.58 | 6.39 | 5.27 | 5.04 | 4.67 | 4.57 | 4.71 | 5.14 | 5.40 | 2 |
| 3 | 5.03 | 5.32 | 5.18 | 5.68 | 6.29 | 5.17 | 5.02 | 4.63 | 4.59 | 4.73 | 5.16 | 5.55 | 3 |
| 4 | 5.08 | 5.40 | 5.16 | 5.97 | 6.16 | 5.16 | 5.02 | 4.61 | 4.59 | 4.73 | 5.22 | 5.73 | 4 |
| 5 | 5.12 | 5.43 | 5.07 | 6.27 | 6.05 | 5.17 | 5.03 | 4.63 | 4.61 | 4.79 | 5.27 | 5.73 | 5 |
| 6 | 5.08 | 5.38 | 5.03 | 6.40 | 5.94 | 5.13 | 5.04 | 4.66 | 4.64 | 4.86 | 5.36 | 5.73 | 6 |
| 7 | 5.03 | 5.34 | 4.96 | --- | 5.88 | 5.16 | 5.04 | 4.77 | 4.71 | 4.91 | 5.42 | 5.64 | 7 |
| 8 | 5.03 | 5.24 | 4.86 | --- | 5.77 | 5.20 | 5.01 | 4.82 | 4.72 | 4.90 | 5.38 | 5.55 | 8 |
| 9 | 5.14 | 5.21 | 4.81 | --- | 5.66 | 5.19 | 4.97 | 4.81 | 4.68 | 4.94 | 5.28 | 5.48 | 9 |
| 10 | 5.24 | 5.28 | 4.84 | --- | 5.60 | 5.23 | 4.96 | 4.80 | 4.64 | 5.03 | 5.20 | 5.45 | 10 |
| 11 | 5.32 | 5.33 | 4.84 | 6.04 | 5.48 | 5.28 | 4.94 | 4.81 | 4.62 | 5.06 | 5.14 | 5.35 | 11 |
| 12 | --- | 5.43 | 4.87 | 6.04 | 5.42 | 5.23 | 4.93 | 4.80 | 4.58 | 5.06 | 5.11 | 5.27 | 12 |
| 13 | --- | 5.44 | 4.96 | 6.02 | 5.36 | 5.19 | 4.92 | 4.81 | 4.55 | 5.15 | 5.03 | 5.25 | 13 |
| 14 | 5.18 | 5.41 | 5.09 | 5.98 | 5.31 | 5.14 | 4.89 | 4.85 | 4.51 | 5.22 | 4.98 | 5.27 | 14 |
| 15 | 5.08 | 5.32 | 5.28 | 5.91 | 5.27 | 5.08 | 4.88 | 4.94 | 4.51 | 5.25 | 4.91 | 5.21 | 15 |
| 16 | 5.10 | 5.45 | 5.45 | 5.88 | 5.26 | 5.04 | 4.86 | 4.93 | 4.51 | 5.20 | 4.93 | 5.31 | 16 |
| 17 | 5.16 | 5.55 | 5.71 | 5.86 | 5.33 | 5.03 | 4.86 | 4.88 | 4.49 | 5.14 | 5.06 | 5.28 | 17 |
| 18 | 5.28 | 5.53 | 6.13 | 5.79 | 5.32 | 5.02 | 4.82 | 4.88 | 4.48 | 5.13 | 5.21 | 5.20 | 18 |
| 19 | 5.29 | 5.24 | 6.36 | 5.67 | 5.36 | 5.19 | 4.79 | 4.93 | 4.52 | 5.15 | 5.26 | 5.14 | 19 |
| 20 | 5.31 | 5.14 | 6.37 | 5.59 | 5.52 | 5.35 | 4.83 | 4.93 | 4.58 | 5.22 | 5.22 | 5.11 | 20 |
| 21 | 5.47 | 4.99 | 6.31 | 5.60 | 5.65 | 5.32 | 4.89 | 4.88 | 4.62 | 5.20 | 5.19 | 5.08 | 21 |
| 22 | 5.64 | 5.01 | 6.23 | 5.67 | 5.70 | 5.32 | 4.93 | 4.83 | 4.62 | 5.21 | 5.17 | 5.10 | 22 |
| 23 | 5.54 | 5.04 | 6.14 | 5.80 | 5.80 | 5.39 | 5.04 | 4.83 | 4.62 | 5.30 | 5.16 | 5.23 | 23 |
| 24 | 5.22 | 5.13 | 6.10 | 5.90 | 5.85 | 5.39 | 5.12 | 4.81 | 4.57 | 5.36 | 5.15 | 5.49 | 24 |
| 25 | 5.53 | 5.29 | 6.01 | 5.98 | 5.88 | 5.35 | 5.16 | 4.79 | 4.49 | 5.43 | 5.11 | 5.62 | 25 |
| 26 | 5.51 | 5.37 | 5.97 | 6.06 | 5.83 | 5.26 | 5.12 | 4.74 | 4.47 | 5.47 | 5.09 | 5.49 | 26 |
| 27 | 5.49 | 5.35 | 5.93 | 6.13 | 5.79 | 5.21 | 5.04 | 4.70 | 4.42 | 5.38 | 5.09 | 5.37 | 27 |
| 28 | 5.47 | 5.31 | 5.83 | 6.33 | 5.71 | 5.18 | 4.98 | 4.66 | 4.37 | 5.32 | 5.11 | 5.28 | 28 |
| 29 | 5.49 | | 5.80 | 6.50 | 5.66 | 5.09 | 4.90 | 4.64 | 4.40 | 5.27 | 5.17 | 5.26 | 29 |
| 30 | 5.58 | | 5.75 | 6.50 | 5.61 | 5.03 | 4.92 | 4.65 | 4.56 | 5.24 | 5.27 | 5.33 | 30 |
| 31 | 5.59 | | 5.67 | | 5.49 | | 4.76 | 4.58 | | 5.17 | | 5.38 | 31 |
| MOY | --- | 5.30 | 5.52 | --- | 5.70 | 5.20 | 4.96 | 4.77 | 4.56 | 5.10 | 5.17 | 5.38 | MOY |
| MAX | --- | 5.47 | 6.37 | --- | 6.45 | 5.39 | 5.16 | 4.94 | 4.72 | 5.47 | 5.42 | 5.79 | MAX |
| MIN | --- | 4.99 | 4.81 | --- | 5.26 | 5.00 | 4.76 | 4.58 | 4.37 | 4.61 | 4.91 | 5.08 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 6.50 LE AVR 29
MINIMUM QUOTIDIEN, 4.37 LE SEP 28
MAXIMUM INSTANTANE,
6.55 LE 28 AVR A 22:44 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 51 29 N
LONG 073 14 25 W
DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15790 CONTRECOEUR

## SAINT-LAURENT (FLEUVE) A COTEAU-DU-LAC - STATION NO. 02MC017

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 40.12 | 40.21 | 40.06 | 40.23 | 40.25 | 40.29 | 40.21 | 40.24 | 40.25 | 40.15 | 40.27 | 40.11 | 1 |
| 2 | 40.14 | 40.25 | 40.15 | 40.25 | 40.24 | 40.29 | 40.27 | 40.28 | 40.25 | 40.14 | 40.30 | 40.08 | 2 |
| 3 | 40.13 | 40.25 | 40.11 | 40.27 | 40.23 | 40.28 | 40.27 | 40.26 | 40.25 | 40.16 | 40.31 | 40.03 | 3 |
| 4 | 40.13 | 40.21 | 40.13 | 40.28 | 40.24 | 40.33 | 40.26 | 40.25 | 40.28 | 40.17 | 40.30 | 40.14 | 4 |
| 5 | 40.13 | 40.17 | 40.10 | 40.21 | 40.29 | 40.26 | 40.25 | 40.23 | 40.27 | 40.20 | 40.32 | 40.16 | 5 |
| 6 | 40.14 | 40.12 | 40.07 | 40.20 | 40.30 | 40.30 | 40.29 | 40.28 | 40.30 | 40.07 | 40.31 | 40.10 | 6 |
| 7 | 40.13 | 40.08 | 40.08 | 40.16 | 40.26 | 40.30 | 40.27 | 40.30 | 40.32 | 40.11 | 40.32 | 40.17 | 7 |
| 8 | 40.10 | 40.09 | 40.09 | 40.23 | 40.25 | 40.23 | 40.29 | 40.25 | 40.31 | 40.14 | 40.32 | 40.15 | 8 |
| 9 | 40.11 | 40.11 | 40.17 | 40.24 | 40.28 | 40.27 | 40.27 | 40.17 | 40.29 | 40.17 | 40.35 | 40.26 | 9 |
| 10 | 40.12 | 40.18 | 40.19 | 40.25 | 40.28 | 40.28 | 40.29 | 40.22 | 40.23 | 40.07 | 40.30 | 40.24 | 10 |
| 11 | 40.11 | 40.16 | 40.24 | 40.29 | 40.25 | 40.26 | 40.30 | 40.16 | 40.14 | 40.10 | 40.26 | 40.25 | 11 |
| 12 | 40.07 | 40.15 | 40.27 | 40.28 | 40.25 | 40.25 | 40.30 | 40.18 | 40.18 | 40.14 | 40.25 | 40.25 | 12 |
| 13 | 40.09 | 40.09 | 40.27 | 40.28 | 40.25 | 40.29 | 40.30 | 40.25 | 40.19 | 40.04 | 40.25 | 40.24 | 13 |
| 14 | 40.10 | 40.09 | 40.29 | 40.23 | 40.27 | 40.25 | 40.31 | 40.31 | 40.18 | 40.11 | 40.29 | 40.20 | 14 |
| 15 | 40.10 | 40.11 | 40.22 | 40.28 | 40.29 | 40.26 | 40.30 | 40.26 | 40.15 | 40.20 | 40.28 | 40.13 | 15 |
| 16 | 40.12 | 40.13 | 40.21 | 40.26 | 40.26 | 40.25 | 40.25 | 40.26 | 40.13 | 40.26 | 40.21 | 40.17 | 16 |
| 17 | 40.11 | 40.19 | 40.27 | 40.27 | 40.30 | 40.28 | 40.15 | 40.29 | 40.15 | 40.22 | 40.13 | 40.07 | 17 |
| 18 | 40.10 | 40.08 | 40.26 | 40.24 | 40.32 | 40.32 | 40.16 | 40.22 | 40.22 | 40.14 | 40.16 | 40.05 | 18 |
| 19 | 40.13 | 40.16 | 40.05 | 40.24 | 40.31 | 40.23 | 40.16 | 40.28 | 40.25 | 40.22 | 40.21 | 40.08 | 19 |
| 20 | 40.09 | 40.15 | 40.13 | 40.24 | 40.29 | 40.23 | 40.18 | 40.25 | 40.25 | 40.19 | 40.25 | 40.07 | 20 |
| 21 | 40.10 | 40.05 | 40.25 | 40.26 | 40.31 | 40.24 | 40.24 | 40.29 | 40.24 | 40.17 | 40.21 | 40.07 | 21 |
| 22 | 40.11 | 40.12 | 40.24 | 40.25 | 40.33 | 40.25 | 40.20 | 40.30 | 40.20 | 40.22 | 40.20 | 40.04 | 22 |
| 23 | 40.16 | 40.10 | 40.24 | 40.27 | 40.31 | 40.29 | 40.27 | 40.30 | 40.13 | 40.21 | 40.21 | 40.08 | 23 |
| 24 | 40.29 | 40.11 | 40.24 | 40.25 | 40.35 | 40.28 | 40.27 | 40.28 | 40.10 | 40.25 | 40.12 | 40.05 | 24 |
| 25 | 40.34 | 40.08 | 40.21 | 40.26 | 40.32 | 40.25 | 40.26 | 40.30 | 40.16 | 40.25 | 40.10 | 40.01 | 25 |
| 26 | 40.25 | 40.10 | 40.23 | 40.25 | 40.30 | 40.27 | 40.25 | 40.21 | 40.12 | 40.26 | 40.12 | 40.03 | 26 |
| 27 | 40.20 | 40.06 | 40.20 | 40.27 | 40.28 | 40.28 | 40.23 | 40.21 | 40.13 | 40.19 | 40.15 | 40.02 | 27 |
| 28 | 40.16 | 40.06 | 40.19 | 40.26 | 40.27 | 40.24 | 40.23 | 40.24 | 40.17 | 40.17 | 40.20 | 40.06 | 28 |
| 29 | 40.14 | | 40.20 | 40.28 | 40.35 | 40.24 | 40.25 | 40.32 | 40.15 | 40.23 | 40.18 | 40.05 | 29 |
| 30 | 40.16 | | 40.23 | 40.25 | 40.24 | 40.19 | 40.27 | 40.23 | 40.16 | 40.20 | 40.15 | 40.09 | 30 |
| 31 | 40.21 | | 40.25 | | 40.27 | | 40.23 | 40.22 | | 40.21 | | 40.23 | 31 |
| MOY | 40.14 | 40.13 | 40.19 | 40.25 | 40.29 | 40.27 | 40.25 | 40.25 | 40.20 | 40.17 | 40.24 | 40.12 | MOY |
| MAX | 40.34 | 40.25 | 40.29 | 40.29 | 40.35 | 40.33 | 40.32 | 40.32 | 40.32 | 40.26 | 40.35 | 40.26 | MAX |
| MIN | 40.07 | 40.05 | 40.05 | 40.16 | 40.23 | 40.19 | 40.15 | 40.16 | 40.10 | 40.04 | 40.10 | 40.01 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 40.21
MAXIMUM QUOTIDIEN, 40.35 LE MAI 24
MINIMUM QUOTIDIEN, 40.01 LE DEC 25
MAXIMUM INSTANTANE,
40.52 LE 29 MAI A 22:15 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 17 47 N
LONG 074 10 00 W
DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15140 COTEAU DU LAC

## SAINT-LAURENT (FLEUVE) A COTEAU-LANDING - STATION NO. 02MC016

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 46.40 | 46.42 | 46.33 | 46.39 | 46.31 | 46.28 | 46.32 | --- | --- | 46.37 | --- | 46.39 | 1 |
| 2 | 46.35 | 46.40 | 46.32 | 46.35 | 46.27 | 46.27 | 46.32 | --- | --- | --- | --- | 46.33 | 2 |
| 3 | 46.35 | 46.40 | 46.29 | 46.32 | 46.26 | 46.34 | 46.34 | --- | --- | --- | 46.46 | 46.29 | 3 |
| 4 | 46.38 | --- | 46.30 | 46.39 | 46.31 | 46.35 | 46.32 | --- | --- | --- | 46.45 | 46.44 | 4 |
| 5 | 46.37 | --- | 46.30 | 46.38 | 46.33 | 46.35 | 46.33 | --- | --- | --- | 46.40 | 46.38 | 5 |
| 6 | 46.35 | 46.26 | 46.32 | 46.33 | 46.31 | 46.39 | 46.29 | --- | --- | --- | 46.47 | 46.38 | 6 |
| 7 | 46.31 | 46.28 | 46.37 | 46.35 | 46.28 | 46.33 | 46.26 | --- | --- | --- | 46.41 | 46.44 | 7 |
| 8 | 46.30 | 46.33 | 46.39 | 46.35 | 46.25 | 46.28 | 46.26 | --- | 46.38 | --- | 46.43 | 46.45 | 8 |
| 9 | 46.32 | 46.43 | 46.40 | 46.37 | 46.24 | 46.30 | 46.28 | --- | 46.36 | --- | 46.39 | 46.45 | 9 |
| 10 | 46.32 | 46.46 | 46.35 | 46.36 | 46.27 | 46.35 | 46.29 | --- | 46.38 | --- | 46.41 | 46.40 | 10 |
| 11 | 46.32 | 46.40 | 46.33 | 46.44 | 46.29 | 46.36 | 46.27 | --- | 46.39 | --- | 46.44 | 46.37 | 11 |
| 12 | 46.35 | 46.32 | 46.36 | 46.41 | 46.27 | 46.33 | 46.28 | --- | 46.41 | --- | 46.43 | 46.33 | 12 |
| 13 | 46.28 | 46.33 | 46.41 | 46.30 | 46.30 | 46.31 | 46.30 | --- | 46.41 | --- | 46.39 | 46.42 | 13 |
| 14 | 46.29 | 46.39 | 46.39 | 46.27 | 46.33 | 46.32 | 46.31 | --- | 46.41 | --- | 46.42 | 46.35 | 14 |
| 15 | 46.34 | 46.43 | 46.37 | 46.34 | 46.31 | 46.32 | 46.27 | --- | 46.41 | --- | 46.44 | 46.36 | 15 |
| 16 | 46.34 | 46.42 | 46.42 | 46.32 | 46.24 | 46.33 | 46.26 | --- | 46.36 | --- | 46.40 | 46.42 | 16 |
| 17 | 46.34 | 46.37 | 46.46 | 46.31 | 46.28 | 46.34 | 46.25 | --- | 46.38 | --- | 46.42 | 46.38 | 17 |
| 18 | 46.38 | 46.31 | 46.41 | 46.30 | 46.34 | 46.38 | 46.28 | --- | 46.44 | --- | 46.43 | 46.39 | 18 |
| 19 | 46.43 | 46.28 | --- | 46.31 | 46.33 | 46.31 | --- | --- | 46.41 | --- | 46.44 | 46.46 | 19 |
| 20 | 46.35 | 46.35 | --- | 46.31 | 46.32 | 46.36 | --- | --- | 46.43 | --- | 46.43 | 46.36 | 20 |
| 21 | 46.28 | 46.35 | --- | 46.33 | 46.34 | 46.34 | --- | --- | 46.43 | --- | 46.36 | 46.40 | 21 |
| 22 | 46.34 | 46.33 | --- | 46.37 | 46.29 | 46.31 | --- | --- | 46.39 | --- | 46.37 | 46.37 | 22 |
| 23 | 46.40 | 46.35 | 46.38 | 46.32 | 46.27 | 46.32 | --- | --- | 46.35 | --- | 46.37 | 46.43 | 23 |
| 24 | 46.39 | 46.35 | 46.38 | 46.28 | 46.29 | 46.33 | --- | --- | 46.36 | --- | 46.38 | 46.41 | 24 |
| 25 | 46.36 | 46.34 | 46.40 | 46.29 | 46.27 | 46.34 | --- | --- | 46.37 | --- | 46.38 | 46.34 | 25 |
| 26 | 46.40 | 46.31 | 46.39 | 46.32 | 46.27 | 46.35 | --- | --- | 46.37 | --- | 46.36 | 46.33 | 26 |
| 27 | 46.43 | 46.30 | 46.37 | 46.37 | 46.25 | 46.35 | --- | --- | 46.40 | --- | 46.42 | 46.32 | 27 |
| 28 | 46.41 | 46.32 | 46.33 | 46.34 | 46.27 | 46.33 | --- | --- | 46.40 | --- | 46.45 | 46.33 | 28 |
| 29 | 46.40 | | 46.31 | 46.33 | 46.31 | 46.30 | --- | --- | 46.40 | --- | 46.41 | 46.32 | 29 |
| 30 | 46.39 | | 46.35 | 46.30 | 46.29 | 46.34 | --- | --- | 46.41 | --- | 46.37 | 46.41 | 30 |
| 31 | 46.41 | | 46.38 | | 46.29 | | --- | --- | | --- | | 46.46 | 31 |
| MOY | 46.36 | --- | --- | 46.34 | 46.29 | 46.33 | --- | --- | --- | --- | --- | 46.38 | MOY |
| MAX | 46.43 | --- | --- | 46.44 | 46.34 | 46.39 | --- | --- | --- | --- | --- | 46.46 | MAX |
| MIN | 46.28 | --- | --- | 46.27 | 46.24 | 46.27 | --- | --- | --- | --- | --- | 46.29 | MIN |

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 15 11 N
LONG 074 12 41 W
DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15110 COTEAU-LANDING

## SAINT-LAURENT (FLEUVE) A LA PRAIRIE - STATION NO. 02OA041

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.20 | 9.97 | 10.10 | 10.19 | 10.49 | 10.26 | 10.10 | 9.94 | --- | 9.83 | 10.10 | 10.11 | 1 |
| 2 | 10.09 | 9.99 | 10.03 | 10.20 | 10.49 | 10.21 | 10.10 | 9.91 | --- | 9.81 | 10.07 | 10.17 | 2 |
| 3 | 10.09 | 10.10 | 9.98 | 10.21 | 10.44 | 10.21 | 10.10 | 9.91 | --- | 9.80 | 10.06 | 10.15 | 3 |
| 4 | 9.99 | 10.22 | 10.00 | 10.37 | 10.40 | 10.21 | 10.12 | 9.90 | --- | 9.80 | 10.09 | 10.15 | 4 |
| 5 | 9.86 | 10.30 | 10.02 | 10.65 | 10.38 | 10.20 | 10.10 | 9.91 | --- | 9.91 | 10.09 | 10.31 | 5 |
| 6 | 9.87 | 10.21 | 10.04 | 10.60 | 10.38 | 10.15 | 10.12 | 9.88 | 9.87 | 9.88 | 10.07 | 10.29 | 6 |
| 7 | 9.79 | 10.09 | 9.99 | 10.47 | 10.34 | 10.22 | 10.12 | 9.95 | 9.89 | 9.82 | 10.07 | 10.20 | 7 |
| 8 | 9.92 | 9.92 | 9.91 | 10.34 | 10.31 | 10.22 | 10.09 | 9.95 | 9.89 | 9.80 | 10.03 | 10.19 | 8 |
| 9 | 9.92 | 9.90 | 9.89 | 10.29 | 10.28 | 10.16 | 10.07 | 9.88 | 9.87 | 9.85 | 10.06 | 10.22 | 9 |
| 10 | 9.90 | 9.96 | 9.91 | 10.27 | 10.20 | 10.13 | 10.05 | 9.88 | 9.82 | 9.91 | 10.05 | 10.26 | 10 |
| 11 | 9.89 | 10.12 | 9.88 | 10.31 | 10.23 | 10.13 | 10.04 | 9.88 | 9.81 | 9.88 | 10.04 | 10.24 | 11 |
| 12 | 9.87 | 10.22 | 9.89 | 10.44 | 10.20 | 10.18 | 10.03 | 9.87 | 9.81 | 9.98 | 10.05 | 10.21 | 12 |
| 13 | 9.81 | 10.10 | 9.91 | 10.47 | 10.15 | 10.17 | 10.03 | 9.86 | 9.81 | 10.01 | 10.03 | 10.17 | 13 |
| 14 | 9.70 | 10.04 | 10.00 | 10.43 | 10.13 | 10.15 | 10.01 | 9.92 | 9.82 | 10.02 | 9.94 | 10.21 | 14 |
| 15 | 9.83 | 10.04 | 10.08 | 10.37 | 10.14 | 10.14 | 10.03 | 9.94 | 9.86 | 10.02 | 9.90 | 10.15 | 15 |
| 16 | 10.02 | 10.14 | 10.14 | 10.41 | 10.16 | 10.12 | 10.05 | 9.89 | 9.82 | 10.01 | 9.91 | 10.11 | 16 |
| 17 | 10.08 | 10.16 | 10.29 | 10.42 | 10.12 | 10.09 | 10.04 | --- | 9.78 | 10.01 | 9.97 | 10.11 | 17 |
| 18 | 10.04 | 10.22 | 10.59 | 10.37 | 10.17 | 10.11 | 10.00 | --- | 9.75 | 9.98 | 10.02 | 10.00 | 18 |
| 19 | 10.01 | 10.19 | 10.51 | 10.32 | 10.22 | 10.14 | 9.99 | --- | 9.81 | 10.05 | 10.01 | 9.94 | 19 |
| 20 | 10.08 | 10.09 | 10.41 | 10.29 | 10.22 | 10.10 | 10.02 | --- | 9.80 | 10.03 | 10.01 | 9.99 | 20 |
| 21 | 10.02 | 10.08 | 10.43 | 10.27 | 10.26 | 10.11 | 10.03 | --- | 9.80 | 10.02 | 10.03 | 9.99 | 21 |
| 22 | 10.01 | 10.01 | 10.41 | 10.30 | 10.38 | 10.14 | 9.99 | --- | 9.82 | 10.05 | 9.99 | 10.02 | 22 |
| 23 | 10.10 | 9.96 | 10.41 | 10.36 | 10.39 | 10.11 | 9.98 | --- | 9.83 | 10.08 | 10.02 | 9.97 | 23 |
| 24 | 10.11 | 10.02 | 10.39 | 10.36 | 10.39 | 10.11 | 10.03 | --- | 9.80 | 10.07 | 10.08 | 10.11 | 24 |
| 25 | 10.04 | 10.14 | 10.41 | 10.36 | 10.38 | 10.11 | 10.02 | --- | 9.75 | 10.12 | 10.08 | 10.15 | 25 |
| 26 | 9.99 | 10.29 | 10.41 | 10.37 | 10.36 | 10.09 | 10.01 | --- | 9.76 | 10.11 | 10.05 | 10.06 | 26 |
| 27 | 10.01 | 10.18 | 10.37 | 10.37 | 10.36 | 10.09 | 9.97 | --- | 9.75 | 10.16 | 10.01 | 9.99 | 27 |
| 28 | 10.05 | 10.19 | 10.34 | 10.42 | 10.33 | 10.10 | 9.95 | --- | 9.76 | 10.14 | 10.06 | 9.96 | 28 |
| 29 | 10.05 | | 10.27 | 10.47 | 10.25 | 10.08 | 9.95 | --- | 9.79 | 10.15 | 10.13 | 9.95 | 29 |
| 30 | 10.04 | | 10.25 | 10.51 | 10.30 | 10.07 | 9.95 | --- | 9.82 | 10.13 | 10.14 | 9.94 | 30 |
| 31 | 9.99 | | 10.22 | | 10.29 | | 9.95 | --- | | 10.11 | | 10.18 | 31 |
| MOY | 9.98 | 10.10 | 10.18 | 10.37 | 10.29 | 10.14 | 10.03 | --- | --- | 9.99 | 10.04 | 10.11 | MOY |
| MAX | 10.20 | 10.30 | 10.59 | 10.65 | 10.49 | 10.26 | 10.12 | --- | --- | 10.16 | 10.14 | 10.31 | MAX |
| MIN | 9.70 | 9.90 | 9.88 | 10.19 | 10.12 | 10.07 | 9.95 | --- | --- | 9.80 | 9.90 | 9.94 | MIN |

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 10.65 LE AVR 05

MAXIMUM INSTANTANE,
10.70 LE 05 AVR A 15:05 HNE

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 27 52 N
LONG 073 31 12 W
DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15470 LA PRAIRIE

## SAINT-LAURENT (FLEUVE) A LACHINE - STATION NO. 02OA040

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.94 | 20.89 | 21.13 | 21.15 | 21.53 | 21.25 | 21.06 | 20.78 | 20.73 | 20.68 | 21.03 | 21.05 | 1 |
| 2 | 20.90 | 20.91 | 20.94 | 21.19 | 21.54 | 21.19 | 21.05 | 20.80 | 20.73 | 20.64 | 20.98 | 21.15 | 2 |
| 3 | 20.90 | 21.09 | 20.88 | 21.19 | 21.47 | 21.19 | 21.06 | 20.78 | 20.69 | 20.63 | 20.97 | 21.04 | 3 |
| 4 | 20.75 | 21.20 | 20.88 | 21.43 | 21.41 | 21.20 | 21.06 | 20.77 | 20.69 | 20.63 | 21.03 | 21.09 | 4 |
| 5 | 20.68 | 21.30 | 20.95 | 21.75 | 21.39 | 21.17 | 21.05 | 20.77 | 20.72 | 20.76 | 20.97 | 21.31 | 5 |
| 6 | 20.65 | 21.20 | 20.92 | 21.63 | 21.40 | 21.15 | 21.06 | 20.75 | 20.70 | 20.68 | 21.01 | 21.23 | 6 |
| 7 | 20.68 | 20.98 | 20.85 | 21.46 | 21.35 | 21.23 | 21.06 | 20.86 | 20.70 | 20.60 | 20.95 | 21.12 | 7 |
| 8 | 20.77 | 20.81 | 20.82 | 21.32 | 21.30 | 21.21 | 21.00 | 20.83 | 20.69 | 20.59 | 20.92 | 21.13 | 8 |
| 9 | 20.75 | 20.76 | 20.77 | 21.27 | 21.25 | 21.13 | 20.99 | 20.73 | 20.68 | 20.57 | 20.95 | 21.21 | 9 |
| 10 | 20.74 | 20.92 | 20.77 | 21.25 | 21.16 | 21.10 | 20.97 | 20.75 | 20.65 | 20.73 | 20.92 | 21.23 | 10 |
| 11 | 20.75 | 21.14 | 20.76 | 21.31 | 21.22 | 21.13 | 20.95 | 20.75 | 20.65 | 20.70 | 20.93 | 21.19 | 11 |
| 12 | 20.74 | 21.17 | 20.78 | 21.30 | 21.16 | 21.19 | 20.93 | 20.70 | 20.63 | 20.85 | 20.94 | 21.16 | 12 |
| 13 | 20.64 | 21.03 | 20.85 | 21.51 | 21.10 | 21.15 | 20.94 | 20.69 | 20.63 | 20.86 | 20.92 | 21.11 | 13 |
| 14 | 20.57 | 20.93 | 20.99 | 21.44 | 21.07 | 21.11 | 20.93 | 20.79 | 20.67 | 20.89 | 20.78 | 21.17 | 14 |
| 15 | 20.83 | 21.05 | 21.04 | 21.40 | 21.11 | 21.12 | 20.95 | 20.81 | 20.72 | 20.88 | 20.77 | 21.06 | 15 |
| 16 | 21.09 | 21.17 | 21.13 | 21.46 | 21.14 | 21.09 | 20.97 | 20.74 | 20.64 | 20.89 | 20.78 | 21.03 | 16 |
| 17 | 21.13 | 21.14 | 21.26 | 21.45 | 21.07 | 21.05 | 20.92 | 20.81 | 20.58 | 20.86 | 20.84 | 21.00 | 17 |
| 18 | 20.94 | 21.21 | 21.69 | 21.39 | 21.14 | 21.10 | 20.90 | 20.77 | 20.56 | 20.81 | 20.90 | 20.85 | 18 |
| 19 | 20.92 | 21.18 | 21.55 | 21.32 | 21.20 | 21.13 | 20.91 | 20.79 | 20.66 | 20.95 | 20.89 | 20.83 | 19 |
| 20 | 21.06 | 20.92 | 21.37 | 21.28 | 21.22 | 21.05 | 20.92 | 20.77 | 20.64 | 20.89 | 20.91 | 20.90 | 20 |
| 21 | 20.92 | 21.02 | 21.43 | 21.29 | 21.29 | 21.11 | 20.91 | 20.71 | 20.62 | 20.89 | 20.95 | 20.87 | 21 |
| 22 | 20.93 | 20.90 | 21.43 | 21.33 | 21.42 | 21.11 | 20.86 | 20.75 | 20.67 | 20.94 | 20.88 | 20.89 | 22 |
| 23 | 20.99 | 20.84 | 21.42 | 21.39 | 21.40 | 21.06 | 20.86 | 20.78 | 20.65 | 20.94 | 20.94 | 20.84 | 23 |
| 24 | 20.96 | 20.97 | 21.41 | 21.38 | 21.40 | 21.07 | 20.95 | 20.75 | 20.60 | 20.96 | 21.00 | 21.06 | 24 |
| 25 | 20.90 | 21.11 | 21.44 | 21.37 | 21.41 | 21.07 | 20.91 | 20.75 | 20.54 | 21.04 | 20.98 | 21.05 | 25 |
| 26 | 20.89 | 21.16 | 21.41 | 21.39 | 21.40 | 21.06 | 20.88 | 20.76 | 20.56 | 21.02 | 20.95 | 20.94 | 26 |
| 27 | 20.96 | 21.18 | 21.37 | 21.40 | 21.38 | 21.06 | 20.83 | 20.73 | 20.55 | 21.10 | 20.90 | 20.85 | 27 |
| 28 | 20.97 | 21.18 | 21.35 | 21.44 | 21.31 | 21.05 | 20.82 | 20.68 | 20.59 | 21.05 | 20.98 | 20.79 | 28 |
| 29 | 20.95 | | 21.24 | 21.49 | 21.23 | 21.02 | 20.83 | 20.74 | 20.62 | 21.07 | 21.07 | 20.85 | 29 |
| 30 | 20.92 | | 21.22 | 21.54 | 21.30 | 21.02 | 20.80 | 20.77 | 20.67 | 21.05 | 21.06 | 20.80 | 30 |
| 31 | 20.90 | | 21.17 | | 21.29 | | 20.79 | 20.69 | | 21.04 | | 21.19 | 31 |
| MOY | 20.86 | 21.05 | 21.14 | 21.39 | 21.29 | 21.12 | 20.94 | 20.76 | 20.65 | 20.85 | 20.94 | 21.03 | MOY |
| MAX | 21.13 | 21.30 | 21.69 | 21.75 | 21.54 | 21.25 | 21.06 | 20.86 | 20.73 | 21.10 | 21.07 | 21.31 | MAX |
| MIN | 20.57 | 20.76 | 20.76 | 21.15 | 21.07 | 21.02 | 20.79 | 20.68 | 20.54 | 20.59 | 20.77 | 20.79 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 21.00
MAXIMUM QUOTIDIEN, 21.75 LE AVR 05
MINIMUM QUOTIDIEN, 20.54 LE SEP 25
MAXIMUM INSTANTANE,
21.83 LE 05 AVR A 13:25 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 25 52 N
LONG 073 40 16 W

DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15390 LACHINE

## SAINT-LAURENT (FLEUVE) A LANORAIE - STATION NO. 02OB011

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.050 | 5.415 | 5.172 | 5.486 | 6.322 | 5.246 | 4.998 | 4.670 | 4.508 | 4.552 | 5.081 | 5.230 | 1 |
| 2 | 5.106 | 5.352 | 5.093 | 5.474 | 6.244 | 5.143 | 5.007 | 4.613 | 4.521 | 4.646 | 5.062 | 5.308 | 2 |
| 3 | 4.986 | 5.252 | 5.103 | 5.561 | 6.153 | 5.074 | 4.975 | 4.579 | 4.552 | 4.676 | 5.101 | 5.454 | 3 |
| 4 | 5.038 | 5.319 | 5.083 | 5.811 | 6.023 | 5.056 | 4.962 | 4.558 | 4.555 | 4.688 | 5.153 | 5.701 | 4 |
| 5 | 5.078 | 5.350 | 5.002 | 6.113 | 5.917 | 5.048 | 4.975 | 4.582 | 4.555 | 4.736 | 5.202 | 5.649 | 5 |
| 6 | 5.036 | 5.304 | 4.950 | 6.241 | 5.816 | 5.029 | 4.993 | 4.606 | 4.593 | 4.815 | 5.294 | 5.640 | 6 |
| 7 | 4.986 | 5.257 | 4.879 | 6.169 | 5.756 | 5.056 | 4.989 | 4.706 | 4.644 | 4.849 | 5.355 | 5.555 | 7 |
| 8 | 4.982 | 5.173 | 4.787 | 6.011 | 5.651 | 5.092 | 4.974 | 4.762 | 4.671 | 4.839 | 5.307 | 5.464 | 8 |
| 9 | 5.086 | 5.141 | 4.729 | 5.846 | 5.549 | 5.093 | 4.934 | 4.758 | 4.642 | 4.872 | 5.207 | 5.393 | 9 |
| 10 | 5.183 | 5.196 | 4.758 | 5.823 | 5.505 | 5.138 | 4.924 | 4.747 | 4.594 | 4.970 | 5.128 | 5.339 | 10 |
| 11 | 5.279 | 5.245 | 4.752 | 5.911 | 5.390 | 5.191 | 4.898 | 4.752 | 4.567 | 5.001 | 5.073 | 5.262 | 11 |
| 12 | 5.342 | 5.326 | 4.784 | 5.916 | 5.321 | 5.148 | 4.883 | 4.740 | 4.532 | 5.005 | 5.035 | 5.181 | 12 |
| 13 | 5.355 | 5.347 | 4.866 | 5.893 | 5.267 | 5.115 | 4.873 | 4.747 | 4.500 | 5.083 | 4.960 | 5.158 | 13 |
| 14 | 5.350 | 5.312 | 5.005 | 5.845 | 5.217 | 5.061 | 4.840 | 4.797 | 4.480 | 5.152 | 4.928 | 5.187 | 14 |
| 15 | 5.042 | 5.224 | 5.184 | 5.791 | 5.174 | 4.997 | 4.831 | 4.881 | 4.472 | 5.178 | 4.852 | 5.129 | 15 |
| 16 | 5.050 | 5.335 | 5.336 | 5.764 | 5.161 | 4.965 | 4.816 | 4.872 | 4.461 | 5.132 | 4.865 | 5.225 | 16 |
| 17 | 5.105 | 5.340 | 5.570 | 5.730 | 5.235 | 4.925 | 4.797 | 4.821 | 4.446 | 5.069 | 4.997 | 5.208 | 17 |
| 18 | 5.204 | 5.332 | 5.984 | 5.660 | 5.231 | 4.918 | 4.771 | 4.811 | 4.441 | 5.066 | 5.156 | 5.131 | 18 |
| 19 | 5.228 | 5.141 | 6.214 | 5.555 | 5.258 | 4.999 | 4.742 | 4.852 | 4.492 | 5.081 | 5.207 | 5.078 | 19 |
| 20 | 5.247 | 5.051 | 6.230 | 5.477 | 5.404 | 5.273 | 4.773 | 4.859 | 4.548 | 5.147 | 5.159 | 5.043 | 20 |
| 21 | 5.413 | 4.916 | 6.148 | 5.477 | 5.536 | 5.263 | 4.836 | 4.832 | 4.571 | 5.131 | 5.125 | 5.003 | 21 |
| 22 | 5.590 | 4.919 | 6.098 | 5.554 | 5.571 | 5.272 | 4.879 | 4.787 | 4.572 | 5.147 | 5.109 | 5.030 | 22 |
| 23 | 5.496 | 4.946 | 6.013 | 5.669 | 5.668 | 5.345 | 4.906 | 4.778 | 4.578 | 5.210 | 5.091 | 5.172 | 23 |
| 24 | 5.463 | 5.045 | 5.970 | 5.768 | 5.716 | 5.358 | 5.075 | 4.763 | 4.533 | 5.268 | 5.089 | 5.412 | 24 |
| 25 | 5.471 | 5.207 | 5.891 | 5.865 | 5.744 | 5.335 | 5.117 | 4.748 | 4.455 | 5.351 | 5.046 | 5.547 | 25 |
| 26 | 5.459 | 5.299 | 5.833 | 5.935 | 5.704 | 5.248 | 5.075 | 4.699 | 4.415 | 5.365 | 5.007 | 5.419 | 26 |
| 27 | 5.442 | 5.287 | 5.799 | 6.000 | 5.666 | 5.188 | 5.000 | 4.658 | 4.378 | 5.291 | 5.014 | 5.302 | 27 |
| 28 | 5.411 | 5.241 | 5.712 | 6.182 | 5.599 | 5.144 | 4.932 | 4.612 | 4.325 | 5.231 | 5.037 | 5.227 | 28 |
| 29 | 5.431 | | 5.690 | 6.368 | 5.536 | 5.061 | 4.845 | 4.586 | 4.343 | 5.176 | 5.097 | 5.210 | 29 |
| 30 | 5.527 | | 5.631 | 6.375 | 5.475 | 4.990 | 4.766 | 4.598 | 4.493 | 5.131 | 5.194 | 5.269 | 30 |
| 31 | 5.542 | | 5.562 | | 5.376 | | 4.711 | 4.551 | | 5.087 | | 5.537 | 31 |
| MOY | 5.251 | 5.220 | 5.414 | 5.842 | 5.587 | 5.129 | 4.909 | 4.720 | 4.515 | 5.030 | 5.098 | 5.305 | MOY |
| MAX | 5.590 | 5.415 | 6.230 | 6.375 | 6.322 | 5.358 | 5.117 | 4.881 | 4.671 | 5.365 | 5.355 | 5.701 | MAX |
| MIN | 4.982 | 4.916 | 4.729 | 5.474 | 5.161 | 4.918 | 4.711 | 4.551 | 4.325 | 4.552 | 4.852 | 5.003 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 5.168
MAXIMUM QUOTIDIEN, 6.375 LE AVR 30
MINIMUM QUOTIDIEN, 4.325 LE SEP 28
MAXIMUM INSTANTANE,
6.465 LE 28 AVR A 21:10 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 37 34 N
LONG 073 12 54 W

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : GEODETIC SURVEY OF CANADA DATUM
AJOUTER .057 m POUR OBTENIR LES COTES GEODESIQUES

## SAINT-LAURENT (FLEUVE) A LASALLE - STATION NO. 020A016

DEBITS QUOTIDIENS EN METRES CUBES PAR SECONDE - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7 780B | 8 420B | 8 300B | 9 250 | 10 700 | 9 700 | 9 090 | 8 210 | 8 060 | 7 890 | 8 990 | 9 030 | 1 |
| 2 | 7 740B | 8 390B | 8 240B | 9 330 | 10 700 | 9 520 | 9 070 | 8 230 | 8 100 | 7 780 | 8 810 | 9 340 | 2 |
| 3 | 7 660B | 8 360B | 8 200B | 9 370 | 10 500 | 9 510 | 9 090 | 8 180 | 7 940 | 7 740 | 8 780 | 9 330 | 3 |
| 4 | 7 700B | 8 220B | 8 100B | 10 100 | 10 200 | 9 550 | 9 100 | 8 150 | 7 930 | 7 690 | 8 970 | 9 180 | 4 |
| 5 | 7 820B | 8 070B | 8 000B | 11 300 | 10 100 | 9 480 | 9 020 | 8 150 | 8 010 | 8 120 | 8 820 | 9 600B | 5 |
| 6 | 7 700B | 8 060B | 7 960B | 11 000 | 10 200 | 9 280 | 9 100 | 8 100 | 7 970 | 7 910 | 8 880 | 9 440B | 6 |
| 7 | 7 540B | 8 060B | 7 980B | 10 400 | 10 000 | 9 590 | 9 080 | 8 420 | 8 040 | 7 630 | 8 780 | 9 260B | 7 |
| 8 | 7 900B | 8 060B | 8 030B | 9 890 | 9 870 | 9 570 | 8 910 | 8 350 | 7 960 | 7 600 | 8 660 | 9 280B | 8 |
| 9 | 7 920B | 8 080B | 8 060 | 9 710 | 9 720 | 9 320 | 8 850 | 8 040 | 7 910 | 7 840 | 8 760 | 9 380B | 9 |
| 10 | 7 900B | 8 100B | 8 090 | 9 690 | 9 330 | 9 220 | 8 800 | 8 080 | 7 820 | 8 050 | 8 670 | 9 420B | 10 |
| 11 | 7 890B | 8 700B | 8 040 | 9 810 | 9 540 | 9 270 | 8 720 | 8 080 | 7 810 | 7 950 | 8 710 | 9 360B | 11 |
| 12 | 7 880B | 9 200B | 8 100 | 10 500 | 9 390 | 9 490 | 8 650 | 7 960 | 7 770 | 8 390 | 8 710 | 9 240B | 12 |
| 13 | 7 470B | 8 800B | 8 270 | 10 600 | 9 160 | 9 410 | 8 670 | 7 910 | 7 770 | 8 430 | 8 650 | 9 200B | 13 |
| 14 | 7 060B | 8 540B | 8 630 | 10 400 | 9 110 | 9 280 | 8 660 | 8 200 | 7 870 | 8 490 | 8 260 | 9 190B | 14 |
| 15 | 7 600B | 8 480B | 8 960 | 10 200 | 9 190 | 9 270 | 8 740 | 8 290 | 7 980 | 8 500 | 8 220 | 9 000B | 15 |
| 16 | 8 000B | 8 460B | 9 160 | 10 400 | 9 300 | 9 220 | 8 790 | 8 070 | 7 800 | 8 500 | 8 250 | 8 800B | 16 |
| 17 | 8 400B | 8 450B | 9 700 | 10 300 | 9 040 | 9 110 | 8 650 | 8 290 | 7 630 | 8 430 | 8 420 | 8 600B | 17 |
| 18 | 8 380B | 8 440B | 11 100 | 10 100 | 9 160 | 9 200 | 8 590 | 8 170 | 7 540 | 8 270 | 8 610 | 8 400B | 18 |
| 19 | 8 400B | 8 400B | 10 700 | 10 000 | 9 420 | 9 320 | 8 600 | 8 230 | 7 840 | 8 660 | 8 560 | 8 440B | 19 |
| 20 | 8 440B | 8 050B | 10 000 | 9 790 | 9 500 | 9 110 | 8 640 | 8 170 | 7 770 | 8 540 | 8 630 | 8 360B | 20 |
| 21 | 8 350B | 8 060B | 10 100 | 9 790 | 9 650 | 9 240 | 8 620 | 7 980 | 7 720 | 8 530 | 8 730 | 8 400B | 21 |
| 22 | 8 250B | 8 100B | 10 200 | 9 890 | 10 100 | 9 300 | 8 470 | 8 070 | 7 860 | 8 660 | 8 550 | 8 410B | 22 |
| 23 | 8 300B | 8 110B | 10 200 | 10 100 | 10 100 | 9 130 | 8 450 | 8 200 | 7 840 | 8 680 | 8 690 | 8 420B | 23 |
| 24 | 8 350B | 8 300B | 10 100 | 10 100 | 10 100 | 9 150 | 8 710 | 8 100 | 7 680 | 8 710 | 8 890 | 8 800B | 24 |
| 25 | 8 400B | 8 500B | 10 200 | 10 100 | 10 100 | 9 170 | 8 620 | 8 120 | 7 490 | 8 980 | 8 830 | 8 800B | 25 |
| 26 | 8 460B | 8 680B | 10 200 | 10 100 | 10 100 | 9 120 | 8 530 | 8 120 | 7 550 | 8 930 | 8 750 | 8 320B | 26 |
| 27 | 8 440B | 8 700B | 10 000 | 10 200 | 10 100 | 9 130 | 8 380 | 8 060 | 7 530 | 8 180 | 8 590 | 8 200B | 27 |
| 28 | 8 500B | 8 400B | 9 950 | 10 300 | 9 870 | 9 100 | 8 330 | 7 890 | 7 620 | 9 050 | 8 820 | 8 100B | 28 |
| 29 | 8 520B | | 9 630 | 10 500 | 9 540 | 9 000 | 8 360 | 8 080 | 7 730 | 9 080 | 9 110 | 8 200B | 29 |
| 30 | 8 500B | | 9 480 | 10 700 | 9 830 | 8 960 | 8 290 | 8 180 | 7 860 | 9 040 | 9 110 | 8 280B | 30 |
| 31 | 8 420B | | 9 360 | | 9 800 | | 8 270 | 7 940 | | 9 010 | | 9 100B | 31 |
| TOTAL | 249 670 | 234 190 | 283 040 | 303 920 | 303 420 | 278 720 | 269 850 | 252 020 | 234 380 | 260 260 | 261 210 | 274 280 | TOTAL |
| MOY | 8 050 | 8 360 | 9 130 | 10 100 | 9 790 | 9 290 | 8 700 | 8 130 | 7 810 | 8 400 | 8 710 | 8 850 | MOY |
| MAX | 8 520 | 9 200 | 11 100 | 11 300 | 10 700 | 9 700 | 9 100 | 8 420 | 8 100 | 9 180 | 9 110 | 9 600 | MAX |
| MIN | 7 060 | 8 050 | 7 960 | 9 250 | 9 040 | 8 960 | 8 270 | 7 890 | 7 490 | 7 600 | 8 220 | 8 100 | MIN |

DEBITS EN METRES CUBES PAR SECONDE

MOYEN, 8 780
MAXIMUM QUOTIDIEN, 11 300 LE AVR 05
MINIMUM QUOTIDIEN, 7 060B LE JAN 14
MAXIMUM INSTANTANE,
11 600 LE 05 AVR A 13:45 HNE

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 24 54 N
LONG 073 37 25 W

B - GLACES

REGULARISE

DEBIT TOTAL MENSUEL
EN DECAMETRES CUBES

| | | | |
|---|---|---|---|
| JAN | 21 600 000 | JUL | 23 300 000 |
| FEV | 20 200 000 | AOU | 21 800 000 |
| MAR | 24 500 000 | SEP | 20 300 000 |
| AVR | 26 300 000 | OCT | 22 500 000 |
| MAI | 26 200 000 | NOV | 22 600 000 |
| JUN | 24 100 000 | DEC | 23 700 000 |

DEBIT TOTAL, 277 000 000 dam³

## SAINT-LAURENT (FLEUVE) A LAVALTRIE - STATION NO. 020B010

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.25 | 5.53 | 5.27 | 5.57 | 6.41 | 5.35 | 5.05 | 4.77 | 4.55 | 4.61 | 5.16 | 5.31 | 1 |
| 2 | 5.19 | 5.44 | 5.19 | 5.56 | 6.33 | 5.25 | 5.06 | 4.71 | 4.56 | 4.69 | 5.14 | 5.40 | 2 |
| 3 | 5.09 | 5.38 | 5.21 | 5.64 | 6.24 | 5.18 | 5.03 | 4.68 | 4.59 | 4.72 | 5.14 | --- | 3 |
| 4 | 5.14 | 5.47 | 5.16 | 5.91 | 6.12 | 5.16 | 5.02 | 4.66 | 4.59 | 4.72 | 5.17 | --- | 4 |
| 5 | 5.18 | 5.49 | 5.10 | 6.22 | 6.01 | 5.16 | 5.03 | 4.68 | 4.60 | 4.77 | 5.24 | --- | 5 |
| 6 | 5.14 | 5.43 | 5.06 | 6.34 | 5.91 | 5.13 | 5.05 | 4.69 | 4.63 | 4.85 | 5.27 | --- | 6 |
| 7 | 5.09 | 5.39 | 4.99 | 6.26 | 5.84 | 5.16 | 5.05 | 4.80 | 4.69 | 4.89 | 5.36 | --- | 7 |
| 8 | 5.10 | 5.29 | 4.89 | 6.08 | 5.74 | 5.20 | 5.03 | 4.85 | 4.71 | 4.88 | 5.42 | --- | 8 |
| 9 | 5.21 | 5.25 | 4.84 | 5.92 | 5.63 | 5.18 | 4.98 | 4.84 | 4.68 | 4.92 | 5.37 | 5.56 | 9 |
| 10 | 5.30 | 5.32 | 4.86 | 5.89 | 5.58 | 5.22 | 4.96 | 4.83 | 4.63 | 5.03 | 5.28 | 5.49 | 10 |
| 11 | 5.40 | 5.37 | 4.86 | 5.99 | 5.47 | 5.29 | 4.94 | 4.83 | 4.61 | 5.06 | 5.20 | 5.44 | 11 |
| 12 | 5.45 | 5.47 | 4.90 | 6.00 | 5.40 | 5.24 | 4.93 | 4.81 | 4.57 | 5.06 | 5.14 | 5.36 | 12 |
| 13 | 5.45 | 5.48 | 4.98 | 5.98 | 5.34 | 5.20 | 4.92 | 4.82 | 4.54 | 5.15 | 5.11 | 5.29 | 13 |
| 14 | 5.23 | 5.44 | 5.12 | 5.93 | 5.29 | 5.14 | 4.89 | 4.87 | 4.52 | 5.21 | 5.03 | 5.26 | 14 |
| 15 | 5.13 | 5.35 | 5.31 | 5.87 | 5.26 | 5.09 | 4.88 | 4.96 | 4.50 | 5.24 | 4.99 | 5.29 | 15 |
| 16 | 5.16 | 5.48 | 5.45 | 5.85 | 5.26 | 5.06 | 4.87 | 4.95 | 4.49 | 5.19 | 4.91 | 5.22 | 16 |
| 17 | 5.24 | 5.49 | 5.69 | 5.82 | 5.32 | 5.01 | 4.85 | 4.90 | 4.47 | 5.13 | 4.93 | 5.32 | 17 |
| 18 | 5.35 | 5.37 | 6.10 | 5.75 | 5.31 | 5.00 | 4.82 | 4.89 | 4.46 | 5.12 | 5.05 | 5.29 | 18 |
| 19 | 5.35 | 5.28 | 6.32 | 5.64 | 5.34 | 5.19 | 4.79 | 4.94 | 4.51 | 5.13 | 5.24 | 5.21 | 19 |
| 20 | 5.37 | 5.18 | 6.33 | 5.57 | 5.50 | 5.35 | 4.83 | 4.90 | 4.57 | 5.21 | 5.26 | 5.15 | 20 |
| 21 | 5.55 | 5.02 | 6.27 | 5.57 | 5.63 | 5.32 | 4.89 | 4.86 | 4.59 | 5.20 | 5.22 | 5.12 | 21 |
| 22 | 5.70 | 5.05 | 6.20 | 5.64 | 5.66 | 5.32 | 4.93 | 4.82 | 4.62 | 5.20 | 5.19 | 5.09 | 22 |
| 23 | 5.59 | 5.06 | 6.11 | 5.76 | 5.76 | 5.38 | 5.04 | 4.82 | 4.62 | 5.29 | 5.18 | 5.12 | 23 |
| 24 | 5.57 | 5.16 | 6.07 | 5.86 | 5.81 | 5.39 | 5.12 | 4.80 | 4.56 | 5.34 | 5.16 | 5.24 | 24 |
| 25 | 5.59 | 5.32 | 5.98 | 5.95 | 5.84 | 5.37 | 5.17 | 4.78 | 4.48 | 5.42 | 5.12 | 5.49 | 25 |
| 26 | 5.57 | 5.41 | 5.93 | 6.02 | 5.80 | 5.28 | 5.12 | 4.74 | 4.45 | 5.44 | 5.09 | 5.61 | 26 |
| 27 | 5.54 | 5.40 | 5.90 | 6.08 | 5.76 | 5.21 | 5.04 | 4.69 | 4.44 | 5.37 | 5.10 | 5.49 | 27 |
| 28 | 5.51 | 5.35 | 5.80 | 6.27 | 5.68 | 5.18 | 4.98 | 4.64 | 4.37 | 5.31 | 5.12 | 5.38 | 28 |
| 29 | 5.53 | | 5.77 | 6.45 | 5.63 | 5.10 | 4.89 | 4.63 | 4.39 | 5.27 | 5.18 | 5.31 | 29 |
| 30 | 5.63 | | 5.71 | 6.46 | 5.59 | 5.04 | 4.86 | 4.64 | 4.55 | 5.24 | 5.28 | 5.28 | 30 |
| 31 | 5.63 | | 5.64 | | 5.48 | | 4.81 | 4.59 | | 5.17 | | 5.33 | 31 |
| | | | | | | | | | | | | 5.61 | |
| MOY | 5.36 | 5.35 | 5.52 | 5.93 | 5.68 | 5.21 | 4.96 | 4.79 | 4.55 | 5.09 | 5.17 | --- | MOY |
| MAX | 5.70 | 5.53 | 6.33 | 6.46 | 6.41 | 5.39 | 5.17 | 4.96 | 4.71 | 5.44 | 5.42 | --- | MAX |
| MIN | 5.09 | 5.02 | 4.84 | 5.56 | 5.26 | 5.00 | 4.79 | 4.59 | 4.37 | 4.61 | 4.91 | --- | MIN |

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 6.46 LE AVR 30
MINIMUM QUOTIDIEN, 4.37 LE SEP 28
MAXIMUM INSTANTANE,
6.49 LE 29 AVR A 00:20 HNE

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 53 00 N
LONG 073 16 25 W

DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE

E - ESTIMATIVE

REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15793 LAVALTRIE

## SAINT-LAURENT (FLEUVE) A MONTREAL (JETEE NO. 1) - STATION NO. 02OA046

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.63 | 6.77 | 6.59 | 6.90 | 7.64 | 6.75 | 6.52 | 6.13 | 6.00 | 6.00 | 6.61 | 6.65 | 1 |
| 2 | 6.46 | 6.73 | 6.55 | 6.93 | 7.59 | 6.63 | 6.49 | 6.07 | 6.05 | 6.04 | 6.54 | 6.78 | 2 |
| 3 | 6.43 | 6.76 | 6.50 | 7.02 | 7.52 | 6.59 | 6.47 | 6.03 | 6.04 | 6.05 | 6.53 | 6.89 | 3 |
| 4 | 6.52 | 6.98 | 6.55 | 7.34 | 7.40 | 6.53 | 6.48 | 6.01 | 6.01 | 6.02 | 6.58 | 7.05 | 4 |
| 5 | 6.50 | 6.90 | 6.48 | 7.66 | 7.34 | 6.62 | 6.48 | 6.02 | 6.03 | 6.12 | 6.64 | 7.08 | 5 |
| 6 | 6.43 | 6.80 | 6.49 | 7.71 | 7.24 | 6.56 | 6.50 | 6.02 | 6.03 | 6.15 | 6.66 | 7.09 | 6 |
| 7 | 6.32 | 6.73 | 6.40 | 7.55 | 7.17 | 6.64 | 6.48 | 6.07 | 6.09 | 6.16 | 6.70 | 6.96 | 7 |
| 8 | 6.42 | 6.59 | 6.28 | 7.35 | 7.05 | 6.65 | 6.43 | 6.19 | 6.08 | 6.16 | 6.66 | 6.91 | 8 |
| 9 | 6.25 | 6.53 | 6.26 | 7.19 | 6.95 | 6.59 | 6.39 | 6.10 | 6.04 | 6.24 | 6.62 | 6.89 | 9 |
| 10 | 6.63 | 6.65 | 6.28 | 7.19 | 6.84 | 6.61 | 6.36 | 6.09 | 5.99 | 6.36 | 6.55 | 6.91 | 10 |
| 11 | 6.66 | 6.73 | 6.25 | 7.31 | 6.76 | 6.67 | 6.34 | 6.10 | 6.00 | 6.32 | 6.49 | 6.80 | 11 |
| 12 | 6.68 | 6.89 | 6.27 | 7.34 | 6.73 | 6.64 | 6.33 | 6.07 | 5.95 | 6.41 | 6.47 | 6.76 | 12 |
| 13 | 6.61 | 6.81 | 6.34 | 7.36 | 6.67 | 6.60 | 6.33 | 6.12 | 5.95 | 6.50 | 6.39 | 6.71 | 13 |
| 14 | 6.31 | 6.71 | 6.56 | 7.32 | 6.61 | 6.54 | 6.30 | 6.16 | 5.92 | 6.53 | 6.30 | 6.76 | 14 |
| 15 | 6.32 | 6.72 | 6.69 | 7.22 | 6.62 | 6.50 | 6.32 | 6.24 | 5.91 | 6.55 | 6.22 | 6.68 | 15 |
| 16 | 6.47 | 6.97 | 6.83 | 7.23 | 6.66 | 6.48 | 6.28 | 6.20 | 5.91 | 6.52 | 6.25 | 6.73 | 16 |
| 17 | 6.61 | 6.80 | 7.09 | 7.21 | 6.65 | 6.43 | 6.28 | 6.18 | 5.96 | 6.48 | 6.37 | 6.63 | 17 |
| 18 | 6.76 | 6.78 | 7.57 | 7.18 | 6.64 | 6.42 | 6.27 | 6.20 | 6.02 | 6.41 | 6.50 | 6.52 | 18 |
| 19 | 6.67 | 6.76 | 7.70 | 7.04 | 6.73 | 6.45 | 6.27 | 6.22 | 5.99 | 6.46 | 6.53 | 6.42 | 19 |
| 20 | 6.73 | 6.62 | 7.65 | 6.96 | 6.90 | 6.68 | 6.28 | 6.24 | 5.95 | 6.53 | 6.50 | 6.48 | 20 |
| 21 | 6.93 | 6.49 | 7.58 | 6.97 | 7.02 | 6.66 | 6.33 | 6.17 | 5.96 | 6.52 | 6.53 | 6.43 | 21 |
| 22 | 6.99 | 6.54 | 7.49 | 7.02 | 7.10 | 6.67 | 6.32 | 6.17 | 5.97 | 6.55 | 6.50 | 6.47 | 22 |
| 23 | 6.86 | 6.52 | 7.42 | 7.16 | 7.18 | 6.69 | 6.41 | 6.22 | 5.97 | 6.57 | 6.50 | 6.51 | 23 |
| 24 | 6.87 | 6.60 | 7.40 | 7.22 | 7.19 | 6.68 | 6.48 | 6.17 | 5.99 | 6.57 | 6.52 | 6.80 | 24 |
| 25 | 6.88 | 6.75 | 7.32 | 7.28 | 7.23 | 6.68 | 6.50 | 6.17 | 5.81 | 6.76 | 6.47 | 6.88 | 25 |
| 26 | 6.81 | 6.78 | 7.30 | 7.33 | 7.18 | 6.60 | 6.46 | 6.13 | 5.82 | 6.80 | 6.48 | 6.71 | 26 |
| 27 | 6.78 | 6.70 | 7.27 | 7.35 | 7.14 | 6.58 | 6.38 | 6.11 | 5.79 | 6.77 | 6.46 | 6.61 | 27 |
| 28 | 6.80 | 6.68 | 7.11 | 7.36 | 7.05 | 6.57 | 6.33 | 6.02 | 5.78 | 6.70 | 6.48 | 6.53 | 28 |
| 29 | 6.82 | | 7.01 | 7.39 | 6.99 | 6.51 | 6.26 | 6.05 | 5.86 | 6.69 | 6.37 | 6.51 | 29 |
| 30 | 6.93 | | 7.04 | 7.71 | 7.00 | 6.47 | 6.18 | 6.08 | 5.98 | 6.63 | 6.66 | 6.57 | 30 |
| 31 | 6.85 | | 6.97 | | 6.87 | | 6.15 | 5.99 | | 6.59 | | 6.92 | 31 |
| MOY | 6.65 | 6.73 | 6.89 | 7.28 | 7.02 | 6.60 | 6.36 | 6.13 | 5.95 | 6.43 | 6.51 | 6.73 | MOY |
| MAX | 6.96 | 6.98 | 7.70 | 7.71 | 7.84 | 6.75 | 6.52 | 6.24 | 6.09 | 6.80 | 6.70 | 7.09 | MAX |
| MIN | 6.31 | 6.49 | 6.25 | 6.90 | 6.61 | 6.42 | 6.15 | 5.99 | 5.78 | 6.00 | 6.22 | 6.42 | MIN |

NIVEAUX EN METRES

SOMMAIRE POUR L'ANNEE 1990

MOYEN, 6.60
MAXIMUM QUOTIDIEN, 7.71 LE AVR 06
MINIMUM QUOTIDIEN, 5.78 LE SEP 28
MAXIMUM INSTANTANE, 7.79 LE 06 AVR A 02:02 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 30 17 N
LONG 073 33 05 W
DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15520 MONTREAL (JETEE NO. 1)

## SAINT-LAURENT (FLEUVE) A POINTE-AUX-TREMBLES - STATION NO. 02OA049

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.08 | 6.24 | 6.03 | 6.28 | 7.06 | 6.10 | 5.85 | 5.49 | 5.31 | 5.37 | 5.94 | 6.07 | 1 |
| 2 | 5.99 | 6.27 | 5.99 | 6.30 | 7.00 | 6.02 | 5.85 | 5.44 | 5.36 | 5.44 | 5.88 | 6.15 | 2 |
| 3 | 5.92 | 6.21 | 6.04 | 6.40 | 6.92 | 5.96 | 5.82 | 5.41 | 5.39 | 5.44 | 5.88 | 6.29 | 3 |
| 4 | 5.98 | 6.41 | 6.00 | 6.70 | 6.81 | 5.95 | 5.82 | 5.40 | 5.35 | 5.40 | 5.94 | 6.49 | 4 |
| 5 | 5.98 | 6.36 | 5.92 | 6.98 | 6.73 | 5.96 | 5.83 | 5.40 | 5.36 | 5.47 | 6.01 | 6.45 | 5 |
| 6 | 5.93 | 6.25 | 5.91 | 7.09 | 6.63 | 5.91 | 5.85 | 5.40 | 5.39 | 5.53 | 6.06 | 6.48 | 6 |
| 7 | 5.86 | 6.19 | 5.83 | 6.96 | 6.56 | 5.95 | 5.84 | 5.54 | 5.44 | 5.56 | 6.11 | 6.36 | 7 |
| 8 | 5.91 | 6.07 | 5.72 | 6.77 | 6.45 | 5.98 | 5.80 | 5.57 | 5.44 | 5.56 | 6.08 | 6.28 | 8 |
| 9 | 6.01 | 6.01 | 5.69 | 6.59 | 6.34 | 5.94 | 5.76 | 5.52 | 5.40 | 5.61 | 6.01 | 6.24 | 9 |
| 10 | 6.09 | 6.09 | 5.70 | 6.59 | 6.25 | 5.97 | 5.73 | 5.50 | 5.36 | 5.72 | 5.94 | 6.24 | 10 |
| 11 | 6.14 | 6.15 | 5.68 | 6.70 | 6.15 | 6.04 | 5.71 | 5.52 | 5.35 | 5.72 | 5.87 | 6.14 | 11 |
| 12 | 6.17 | 6.28 | 5.69 | 6.70 | 6.12 | 5.98 | 5.71 | 5.48 | 5.31 | 5.76 | 5.85 | 6.09 | 12 |
| 13 | 6.13 | 6.24 | 5.74 | 6.71 | 6.06 | 5.94 | 5.70 | 5.51 | 5.31 | 5.87 | 5.77 | 6.06 | 13 |
| 14 | 6.08 | 6.21 | 5.88 | 6.67 | 6.00 | 5.89 | 5.67 | 5.55 | 5.27 | 5.91 | 5.70 | 6.09 | 14 |
| 15 | 5.84 | 6.16 | 6.07 | 6.58 | 5.99 | 5.84 | 5.68 | 5.62 | 5.24 | 5.94 | 5.63 | 6.02 | 15 |
| 16 | 5.93 | 6.39 | 6.22 | 6.57 | 6.01 | 5.82 | 5.65 | 5.61 | 5.26 | 5.89 | 5.66 | 6.10 | 16 |
| 17 | 6.04 | 6.32 | 6.47 | 6.54 | 6.02 | 5.78 | 5.65 | 5.57 | 5.24 | 5.84 | 5.77 | 6.01 | 17 |
| 18 | 6.17 | 6.20 | 6.49 | 6.49 | 6.02 | 5.76 | 5.59 | 5.59 | 5.21 | 5.80 | 5.90 | 5.92 | 18 |
| 19 | 6.12 | 6.14 | --- | 6.39 | 6.08 | 5.91 | 5.58 | 5.65 | 5.28 | 5.84 | 5.93 | 5.83 | 19 |
| 20 | 6.18 | 6.04 | --- | 6.31 | 6.26 | 6.05 | 5.64 | 5.63 | 5.32 | 5.90 | 5.89 | 5.85 | 20 |
| 21 | 6.41 | 5.90 | --- | 6.32 | 6.39 | 6.02 | 5.68 | 5.58 | 5.33 | 5.89 | 5.90 | --- | 21 |
| 22 | 6.48 | 5.93 | 6.89 | 6.38 | 6.43 | 6.03 | 5.69 | 5.54 | 5.36 | 5.91 | 5.89 | --- | 22 |
| 23 | 6.34 | 5.92 | 6.81 | 6.51 | 6.52 | 6.07 | 5.79 | 5.56 | 5.35 | 6.03 | 5.88 | 5.93 | 23 |
| 24 | 6.34 | 6.01 | 6.78 | 6.60 | 6.54 | 6.05 | 5.86 | 5.54 | 5.29 | 6.05 | 5.88 | 6.20 | 24 |
| 25 | 6.35 | 6.16 | 6.70 | 6.66 | 6.58 | 6.04 | 5.90 | 5.53 | 5.22 | 6.12 | 5.84 | --- | 25 |
| 26 | 6.28 | 6.20 | 6.68 | 6.72 | 6.54 | 5.97 | 5.85 | 5.48 | 5.20 | 6.16 | 5.85 | --- | 26 |
| 27 | 6.25 | 6.15 | 6.63 | 6.76 | 6.50 | 5.93 | 5.77 | 5.45 | 5.19 | 6.11 | 5.85 | --- | 27 |
| 28 | 6.24 | 6.12 | 6.53 | 6.96 | 6.41 | 5.92 | 5.71 | 5.39 | 5.16 | 6.04 | 5.86 | --- | 28 |
| 29 | 6.27 | | 6.51 | 7.12 | 6.37 | 5.85 | 5.65 | 5.40 | 5.21 | 6.03 | 5.93 | --- | 29 |
| 30 | 6.39 | | 6.45 | 7.13 | 6.35 | 5.80 | 5.57 | 5.42 | 5.35 | 5.98 | 6.04 | --- | 30 |
| 31 | 6.34 | | 6.37 | | 6.23 | | 5.52 | 5.35 | | 5.93 | | --- | 31 |
| MOY | 6.13 | 6.16 | --- | 6.65 | 6.40 | 5.95 | 5.73 | 5.50 | 5.31 | 5.80 | 5.89 | --- | MOY |
| MAX | 6.48 | 6.41 | --- | 7.13 | 7.06 | 6.10 | 5.90 | 5.65 | 5.44 | 6.16 | 6.11 | --- | MAX |
| MIN | 5.84 | 5.90 | --- | 6.28 | 5.99 | 5.76 | 5.52 | 5.35 | 5.16 | 5.37 | 5.63 | --- | MIN |

NIVEAUX EN METRES

SOMMAIRE POUR L'ANNEE 1990

MAXIMUM QUOTIDIEN, 7.13 LE AVR 30
MINIMUM QUOTIDIEN, 5.16 LE SEP 28
MAXIMUM INSTANTANE, 7.21 LE 28 AVR A 22:46 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 37 56 N
LONG 073 29 28 W
DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15630 POINTE-AUX-TREMBLES

## SAINT-LAURENT (FLEUVE) A POINTE-DES-CASCADES - STATION NO. 02MC005

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21.35 | 21.27 | 21.46 | 21.40 | 21.80 | 21.52 | 21.39 | 21.16 | 21.12 | 21.03 | 21.36 | 21.34 | 1 |
| 2 | 21.33 | 21.30 | 21.23 | 21.47 | 21.81 | 21.48 | 21.37 | 21.15 | 21.13 | 20.99 | 21.30 | 21.43 | 2 |
| 3 | 21.32 | 21.50 | 21.20 | 21.53 | 21.75 | 21.48 | 21.35 | 21.12 | 21.08 | 20.99 | 21.28 | 21.42 | 3 |
| 4 | 21.18 | 21.64 | 21.18 | 21.76 | 21.71 | 21.48 | 21.36 | 21.12 | 21.07 | 20.97 | 21.33 | 21.43 | 4 |
| 5 | 21.11 | 21.69 | 21.26 | 22.00 | 21.71 | 21.48 | 21.36 | 21.13 | 21.10 | 21.08 | 21.32 | 21.56 | 5 |
| 6 | 21.06 | 21.52 | 21.21 | 21.89 | 21.68 | 21.45 | 21.37 | 21.12 | 21.09 | 21.01 | 21.27 | 21.52 | 6 |
| 7 | 21.11 | 21.29 | 21.13 | 21.72 | 21.62 | 21.52 | 21.36 | 21.21 | 21.12 | 20.97 | 21.24 | 21.33 | 7 |
| 8 | 21.20 | 21.15 | 21.11 | 21.59 | 21.59 | 21.50 | 21.31 | 21.18 | 21.09 | 20.97 | 21.23 | 21.46 | 8 |
| 9 | 21.17 | 21.10 | 21.09 | 21.54 | 21.55 | 21.43 | 21.29 | 21.08 | 21.07 | 21.06 | 21.28 | 21.52 | 9 |
| 10 | 21.17 | 21.24 | 21.08 | 21.56 | 21.47 | 21.41 | 21.27 | 21.12 | 21.03 | 21.13 | 21.23 | 21.52 | 10 |
| 11 | 21.17 | 21.45 | 21.06 | 21.61 | 21.46 | 21.46 | 21.26 | 21.12 | 21.04 | 21.06 | 21.20 | 21.47 | 11 |
| 12 | 21.15 | 21.48 | 21.08 | 21.75 | 21.44 | 21.48 | 21.25 | 21.07 | 21.02 | 21.19 | 21.17 | 21.49 | 12 |
| 13 | 21.06 | 21.35 | 21.14 | 21.79 | 21.39 | 21.45 | 21.26 | 21.09 | 21.04 | 21.20 | 21.14 | 21.41 | 13 |
| 14 | 21.04 | 21.25 | 21.20 | 21.72 | 21.37 | 21.41 | 21.25 | 21.15 | 21.06 | 21.22 | 21.06 | 21.48 | 14 |
| 15 | 21.31 | 21.41 | 21.35 | 21.67 | 21.42 | 21.41 | 21.29 | 21.17 | 21.05 | 21.19 | 21.08 | 21.39 | 15 |
| 16 | 21.51 | 21.52 | 21.42 | 21.71 | 21.47 | 21.40 | 21.27 | 21.12 | 21.01 | 21.20 | 21.10 | 21.35 | 16 |
| 17 | 21.52 | 21.47 | 21.60 | 21.68 | 21.40 | 21.35 | 21.24 | 21.15 | 20.95 | 21.20 | 21.16 | 21.30 | 17 |
| 18 | 21.33 | 21.57 | 21.95 | 21.64 | 21.41 | 21.38 | 21.22 | 21.20 | 20.94 | 21.19 | 21.21 | 21.17 | 18 |
| 19 | 21.32 | 21.46 | 21.82 | 21.30 | 21.48 | 21.44 | 21.22 | 21.20 | 21.04 | 21.19 | 21.19 | 21.13 | 19 |
| 20 | 21.45 | 21.25 | 21.67 | 21.35 | 21.56 | 21.36 | 21.26 | 21.16 | 21.01 | 21.21 | 21.20 | 21.24 | 20 |
| 21 | 21.32 | 21.38 | 21.70 | 21.56 | 21.64 | 21.42 | 21.25 | 21.09 | 21.00 | 21.23 | 21.26 | 21.20 | 21 |
| 22 | 21.34 | 21.23 | 21.68 | 21.61 | 21.73 | 21.41 | 21.21 | 21.14 | 21.05 | 21.27 | 21.21 | 21.20 | 22 |
| 23 | 21.37 | 21.19 | 21.64 | 21.68 | 21.72 | 21.37 | 21.24 | 21.17 | 21.01 | 21.30 | 21.26 | 21.20 | 23 |
| 24 | 21.36 | 21.31 | 21.63 | 21.67 | 21.71 | 21.36 | 21.29 | 21.14 | 20.95 | 21.29 | 21.27 | 21.17 | 24 |
| 25 | 21.32 | 21.43 | 21.68 | 21.65 | 21.71 | 21.37 | 21.26 | 21.12 | 20.91 | 21.36 | 21.23 | 21.35 | 25 |
| 26 | 21.28 | 21.51 | 21.64 | 21.67 | 21.70 | 21.36 | 21.23 | 21.12 | 20.94 | 21.35 | 21.25 | 21.22 | 26 |
| 27 | 21.33 | 21.47 | 21.64 | 21.67 | 21.68 | 21.37 | 21.19 | 21.10 | 20.92 | 21.43 | 21.22 | 21.17 | 27 |
| 28 | 21.34 | 21.52 | 21.61 | 21.76 | 21.64 | 21.36 | 21.18 | 21.06 | 20.97 | 21.37 | 21.25 | 21.12 | 28 |
| 29 | 21.34 | | 21.71 | 21.81 | 21.57 | 21.35 | 21.21 | 21.13 | 21.02 | 21.37 | 21.35 | 21.16 | 29 |
| 30 | 21.32 | | 21.46 | 21.83 | 21.62 | 21.33 | 21.19 | 21.15 | 21.03 | 21.36 | 21.36 | 21.13 | 30 |
| 31 | 21.28 | | 21.43 | | 21.56 | | 21.17 | 21.06 | | 21.35 | | 21.51 | 31 |
| MOY | 21.27 | 21.39 | 21.42 | 21.67 | 21.59 | 21.42 | 21.27 | 21.13 | 21.03 | 21.18 | 21.23 | 21.34 | MOY |
| MAX | 21.52 | 21.69 | 21.95 | 22.00 | 21.81 | 21.52 | 21.39 | 21.21 | 21.13 | 21.43 | 21.36 | 21.56 | MAX |
| MIN | 21.04 | 21.10 | 21.06 | 21.40 | 21.37 | 21.33 | 21.17 | 21.06 | 20.91 | 20.97 | 21.06 | 21.12 | MIN |

NIVEAUX EN METRES

SOMMAIRE POUR L'ANNEE 1990

MOYEN, 21.33
MAXIMUM QUOTIDIEN, 22.00 LE AVR 05
MINIMUM QUOTIDIEN, 20.91 LE SEP 25
MAXIMUM INSTANTANE,
22.06 LE 05 AVR A 14:07 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 20 08 N
LONG 073 57 17 W
DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15220 POINTE-DES-CASCADES

## SAINT-LAURENT (FLEUVE) A SOREL - STATION NO. 02OJ022

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.92 | --- | 4.95 | 5.21 | 6.06 | 4.99 | 4.72 | 4.43 | 4.29 | 4.35 | 4.82 | 4.97 | 1 |
| 2 | 4.88 | --- | 4.86 | --- | 5.98 | 4.87 | 4.73 | 4.37 | 4.29 | 4.43 | 4.80 | 5.05 | 2 |
| 3 | 4.77 | 5.01 | 4.85 | --- | 5.89 | 4.80 | 4.70 | 4.34 | 4.32 | 4.47 | 4.85 | 5.19 | 3 |
| 4 | 4.82 | 5.06 | 4.84 | 5.53 | 5.76 | 4.78 | 4.69 | 4.32 | 4.34 | 4.50 | 4.90 | 5.45 | 4 |
| 5 | 4.86 | 5.10 | 4.76 | 5.83 | 5.65 | 4.78 | 4.70 | 4.35 | 4.34 | 4.54 | 4.95 | 5.39 | 5 |
| 6 | 4.82 | 5.06 | 4.70 | 5.96 | 5.55 | 4.77 | 4.72 | 4.39 | 4.39 | 4.61 | 5.05 | 5.36 | 6 |
| 7 | 4.78 | 5.02 | 4.64 | 5.89 | 5.49 | 4.80 | 4.72 | 4.48 | 4.44 | 4.65 | 5.11 | 5.29 | 7 |
| 8 | 4.77 | 4.95 | 4.55 | 5.75 | 5.38 | 4.83 | 4.71 | 4.54 | 4.47 | 4.65 | 5.06 | 5.20 | 8 |
| 9 | 4.86 | 4.92 | 4.50 | 5.59 | 5.29 | 4.83 | 4.68 | 4.54 | 4.44 | 4.67 | 4.96 | 5.12 | 9 |
| 10 | 4.96 | 4.97 | 4.52 | 5.56 | 5.27 | 4.89 | 4.66 | 4.54 | 4.39 | 4.76 | 4.88 | 5.05 | 10 |
| 11 | 5.06 | 5.01 | 4.51 | 5.64 | 5.16 | 4.95 | 4.64 | 4.54 | 4.36 | 4.79 | 4.83 | 4.97 | 11 |
| 12 | 5.14 | 5.08 | 4.54 | 5.65 | 5.07 | 4.92 | 4.62 | 4.53 | 4.32 | 4.78 | 4.78 | 4.90 | 12 |
| 13 | 5.16 | 5.11 | 4.63 | 5.62 | 5.02 | 4.87 | 4.61 | 4.53 | 4.28 | 4.86 | 4.70 | 4.89 | 13 |
| 14 | 4.96 | 5.09 | 4.76 | 5.56 | 4.98 | 4.81 | 4.58 | 4.59 | 4.27 | 4.94 | 4.68 | 4.91 | 14 |
| 15 | 4.83 | 4.99 | 4.93 | 5.51 | 4.94 | 4.75 | 4.56 | 4.67 | 4.26 | 4.97 | 4.62 | 4.84 | 15 |
| 16 | 4.83 | 5.08 | 5.07 | 5.48 | 4.91 | 4.73 | 4.56 | 4.66 | 4.25 | 4.92 | 4.63 | 4.95 | 16 |
| 17 | 4.88 | 5.09 | 5.11 | 5.45 | 4.98 | 4.69 | 4.54 | 4.61 | 4.24 | 4.84 | 4.75 | 4.95 | 17 |
| 18 | 4.97 | 4.99 | 5.10 | 5.38 | 4.98 | 4.68 | 4.52 | 4.59 | 4.23 | 4.84 | 4.91 | 4.87 | 18 |
| 19 | 5.01 | 4.89 | 5.04 | 5.28 | 5.01 | 4.86 | 4.49 | 4.63 | 4.27 | 4.87 | 4.97 | 4.84 | 19 |
| 20 | 5.02 | 4.80 | 5.05 | 5.19 | 5.15 | 5.04 | 4.52 | 4.65 | 4.33 | 4.94 | 4.92 | 4.79 | 20 |
| 21 | 5.13 | 4.67 | 5.06 | 5.19 | 5.27 | 5.03 | 4.59 | 4.63 | 4.37 | 4.91 | 4.88 | 4.76 | 21 |
| 22 | 5.33 | 4.66 | 5.82 | 5.27 | 5.30 | 5.03 | 4.64 | 4.58 | 4.37 | 4.92 | 4.85 | 4.78 | 22 |
| 23 | 5.26 | 4.70 | 5.74 | 5.39 | 5.41 | 5.09 | 4.74 | 4.56 | 4.38 | 4.97 | 4.82 | 4.93 | 23 |
| 24 | 5.23 | 4.80 | 5.70 | 5.50 | 5.46 | 5.11 | 4.82 | 4.54 | 4.34 | 5.04 | 4.82 | 5.16 | 24 |
| 25 | 5.24 | 4.95 | 5.60 | 5.58 | 5.49 | 5.08 | 4.87 | 4.52 | 4.25 | 5.14 | 4.78 | 5.29 | 25 |
| 26 | 5.24 | 5.06 | 5.54 | 5.66 | 5.45 | 5.00 | 4.84 | 4.49 | 4.21 | 5.14 | 4.75 | 5.17 | 26 |
| 27 | 5.23 | 5.05 | 5.52 | 5.74 | 5.41 | 4.93 | 4.76 | 4.44 | 4.17 | 5.04 | 4.74 | 5.05 | 27 |
| 28 | 5.20 | 5.01 | 5.44 | 5.93 | 5.34 | 4.86 | 4.69 | 4.39 | 4.12 | 4.97 | 4.76 | 4.98 | 28 |
| 29 | 5.20 | | 5.41 | 6.10 | 5.28 | 4.78 | 4.60 | 4.36 | 4.12 | 4.93 | 4.82 | 4.97 | 29 |
| 30 | 5.29 | | 5.34 | 6.11 | 5.22 | 4.72 | 4.52 | 4.37 | 4.27 | 4.89 | 4.92 | 5.03 | 30 |
| 31 | --- | | 5.28 | | 5.12 | | 4.47 | 4.34 | | 4.84 | | 5.28 | 31 |
| MOY | --- | --- | 5.15 | --- | 5.33 | 4.88 | 4.65 | 4.50 | 4.30 | 4.81 | 4.84 | 5.04 | MOY |
| MAX | --- | --- | 5.95 | --- | 6.06 | 5.11 | 4.87 | 4.67 | 4.47 | 5.14 | 5.11 | 5.45 | MAX |
| MIN | --- | --- | 4.50 | --- | 4.91 | 4.68 | 4.47 | 4.32 | 4.12 | 4.35 | 4.62 | 4.76 | MIN |

NIVEAUX EN METRES

SOMMAIRE POUR L'ANNEE 1990

MAXIMUM QUOTIDIEN, 6.11 LE AVR 30
MINIMUM QUOTIDIEN, 4.12 LE SEP 28
MAXIMUM INSTANTANE,
6.13 LE 29 AVR A 17:58 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 46 02 49 N
LONG 073 06 58 W
DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15930 SOREL

## SAINT-LAURENT (FLEUVE) A VARENNES - STATION NO. 02OA050

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.92 | 6.11 | 5.86 | 6.13 | 6.93 | --- | --- | 5.32 | 5.15 | 5.18 | 5.78 | 5.89 | 1 |
| 2 | 5.86 | 6.05 | 5.82 | 6.16 | 6.88 | --- | --- | 5.28 | 5.17 | 5.25 | 5.74 | 5.99 | 2 |
| 3 | --- | 6.06 | 5.86 | 6.22 | 6.79 | --- | --- | 5.26 | 5.19 | 5.27 | 5.75 | 6.13 | 3 |
| 4 | --- | 6.21 | 5.93 | 6.35 | 6.67 | 5.76 | --- | 5.25 | 5.16 | 5.25 | 5.79 | 6.34 | 4 |
| 5 | --- | 6.19 | 5.75 | 6.83 | 6.58 | 5.77 | --- | 5.26 | 5.18 | 5.31 | 5.85 | 6.29 | 5 |
| 6 | --- | 6.10 | 5.73 | 6.94 | 6.48 | 5.72 | --- | 5.27 | 5.20 | 5.38 | 5.90 | 6.31 | 6 |
| 7 | --- | 6.01 | 5.64 | 6.83 | 6.41 | 5.79 | --- | 5.41 | 5.26 | 5.42 | 5.96 | 6.21 | 7 |
| 8 | --- | 5.91 | 5.53 | 6.64 | 6.30 | 5.80 | --- | 5.46 | 5.27 | 5.42 | 5.93 | 6.14 | 8 |
| 9 | --- | 5.84 | 5.49 | 6.46 | 6.18 | 5.77 | --- | 5.42 | 5.23 | 5.46 | 5.86 | 6.08 | 9 |
| 10 | --- | 5.92 | 5.52 | 6.45 | 6.10 | 5.78 | --- | 5.41 | 5.19 | 5.58 | 5.78 | 6.06 | 10 |
| 11 | --- | 5.98 | 5.50 | 6.56 | 5.99 | 5.88 | --- | 5.41 | 5.18 | 5.57 | 5.72 | 5.96 | 11 |
| 12 | --- | 6.13 | 5.51 | 6.56 | 5.96 | --- | --- | 5.48 | 5.13 | 5.60 | 5.69 | 5.89 | 12 |
| 13 | --- | 6.11 | 5.56 | 6.56 | 5.90 | --- | --- | 5.40 | 5.12 | 5.71 | 5.62 | 5.88 | 13 |
| 14 | --- | 6.08 | 5.70 | 6.52 | 5.84 | 5.71 | --- | --- | 5.09 | 5.77 | 5.55 | 5.91 | 14 |
| 15 | --- | 6.00 | 5.89 | 6.45 | 5.83 | 5.66 | --- | --- | 5.07 | 5.79 | 5.47 | 5.84 | 15 |
| 16 | --- | 6.23 | 6.04 | 6.43 | 5.85 | 5.64 | --- | --- | 5.08 | 5.75 | 5.48 | 5.93 | 16 |
| 17 | --- | 6.18 | 6.29 | 6.41 | 5.88 | 5.59 | --- | --- | 5.04 | 5.70 | 5.60 | 5.85 | 17 |
| 18 | --- | 6.05 | 6.71 | 6.35 | 5.85 | 5.58 | --- | 5.41 | 5.02 | 5.67 | 5.75 | 5.77 | 18 |
| 19 | --- | 5.98 | 6.91 | 6.23 | 5.92 | 5.76 | --- | 5.48 | 5.08 | 5.70 | 5.80 | 5.68 | 19 |
| 20 | --- | 5.88 | 6.93 | 6.15 | 6.10 | 5.90 | --- | 5.46 | 5.14 | 5.76 | 5.76 | 5.68 | 20 |
| 21 | --- | 5.72 | 6.84 | 6.17 | 6.23 | 5.86 | --- | 5.41 | 5.17 | 5.75 | 5.75 | 5.65 | 21 |
| 22 | --- | 5.75 | 6.74 | 6.24 | 6.27 | --- | --- | 5.38 | 5.17 | 5.77 | 5.73 | 5.67 | 22 |
| 23 | --- | 5.74 | 6.65 | 6.37 | 6.25 | --- | --- | 5.39 | 5.15 | 5.88 | 5.72 | 5.76 | 23 |
| 24 | --- | 5.82 | 6.64 | 6.46 | 6.19 | --- | --- | 5.37 | 5.10 | 5.91 | 5.74 | 6.02 | 24 |
| 25 | --- | 5.99 | 6.55 | 6.52 | 6.43 | --- | --- | 5.35 | 5.04 | 5.96 | 5.70 | 6.14 | 25 |
| 26 | --- | 6.03 | 6.52 | 6.58 | 6.39 | --- | --- | 5.30 | 5.02 | 6.00 | 5.69 | 5.99 | 26 |
| 27 | --- | 5.98 | 6.47 | 6.62 | 6.34 | --- | --- | 5.27 | 4.99 | 5.99 | 5.69 | 5.90 | 27 |
| 28 | --- | 5.94 | 6.37 | 6.82 | 6.25 | --- | --- | 5.21 | 4.95 | 5.90 | 5.70 | 5.92 | 28 |
| 29 | --- | | 6.36 | 6.99 | 6.21 | --- | 5.55 | 5.22 | 4.90 | 5.87 | 5.79 | 5.79 | 29 |
| 30 | --- | | 6.30 | 7.00 | 6.19 | --- | 5.48 | 5.24 | 5.00 | 5.81 | 5.89 | 5.84 | 30 |
| 31 | --- | | 6.21 | | 6.07 | | 5.39 | 5.17 | 5.16 | 5.77 | | 6.14 | 31 |
| | | | | | | | 5.33 | | | | | | |
| MOY | --- | 6.00 | 6.12 | 6.51 | 6.24 | --- | --- | --- | 5.12 | 5.65 | 5.74 | 5.95 | MOY |
| MAX | --- | 6.23 | 6.93 | 7.00 | 6.93 | --- | --- | --- | 5.27 | 6.00 | 5.96 | 6.34 | MAX |
| MIN | --- | 5.72 | 5.49 | 6.13 | 5.83 | --- | --- | --- | 4.95 | 5.18 | 5.47 | 5.65 | MIN |

NIVEAUX EN METRES

SOMMAIRE POUR L'ANNEE 1990

MAXIMUM QUOTIDIEN, 7.00 LE AVR 30
MINIMUM QUOTIDIEN, 4.95 LE SEP 28
MAXIMUM INSTANTANE, 7.08 LE 28 AVR A 22:35 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 41 05 N
LONG 073 26 38 W
DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15660 VARENNES

## SAINT-LAURENT (FLEUVE) A VERCHERES - STATION NO. 02OJ020

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.59 | 5.82 | 5.56 | 5.87 | 6.67 | 5.64 | 5.36 | 5.02 | 4.85 | 4.90 | 5.48 | 5.61 | 1 |
| 2 | 5.52 | 5.74 | 5.50 | --- | 6.60 | 5.54 | 5.35 | 4.96 | 4.87 | 4.99 | 5.44 | 5.69 | 2 |
| 3 | 5.45 | 5.71 | 5.54 | --- | 6.52 | 5.47 | 5.33 | 4.93 | 4.89 | 5.01 | 5.45 | 5.84 | 3 |
| 4 | 5.48 | 5.84 | 5.52 | --- | 6.39 | 5.45 | 5.33 | 4.91 | 4.88 | 5.00 | 5.50 | 6.07 | 4 |
| 5 | 5.50 | 5.84 | 5.43 | --- | 6.30 | 5.46 | 5.35 | 4.92 | 4.89 | 5.06 | 5.56 | 6.02 | 5 |
| 6 | 5.45 | 5.75 | 5.40 | 6.64 | 6.20 | 5.43 | 5.36 | 4.94 | 4.91 | 5.13 | 5.63 | 6.03 | 6 |
| 7 | 5.39 | 5.70 | 5.33 | 6.55 | 6.13 | 5.46 | 5.36 | 5.05 | 4.98 | 5.17 | 5.69 | 5.93 | 7 |
| 8 | 5.42 | 5.59 | 5.22 | 6.37 | 6.02 | 5.49 | 5.33 | 5.10 | 4.99 | 5.16 | 5.65 | 5.85 | 8 |
| 9 | 5.53 | 5.54 | 5.17 | 6.20 | 5.91 | 5.46 | 5.28 | 5.07 | 4.95 | 5.21 | 5.57 | 5.79 | 9 |
| 10 | 5.61 | 5.61 | 5.19 | 6.18 | 5.84 | 5.50 | 5.27 | 5.06 | 4.90 | 5.32 | 5.49 | 5.76 | 10 |
| 11 | 5.68 | 5.66 | 5.18 | 6.29 | 5.73 | 5.58 | 5.24 | 5.06 | 4.89 | 5.33 | 5.43 | 5.67 | 11 |
| 12 | 5.72 | 5.79 | 5.21 | 6.28 | 5.69 | 5.52 | 5.23 | 5.04 | 4.86 | 5.35 | 5.40 | 5.60 | 12 |
| 13 | 5.71 | 5.77 | 5.28 | 6.27 | 5.63 | 5.47 | 5.22 | 5.07 | 4.84 | 5.43 | 5.33 | 5.57 | 13 |
| 14 | 5.49 | 5.74 | 5.42 | 6.23 | 5.56 | 5.42 | 5.16 | 5.11 | 4.79 | 5.49 | 5.27 | 5.60 | 14 |
| 15 | 5.41 | 5.68 | 5.60 | 6.17 | 5.54 | 5.37 | 5.19 | 5.18 | 4.78 | 5.53 | 5.19 | 5.54 | 15 |
| 16 | 5.46 | 5.86 | 5.75 | 6.15 | 5.55 | 5.35 | 5.17 | 5.17 | 4.79 | 5.48 | 5.21 | 5.64 | 16 |
| 17 | 5.55 | 5.83 | 6.00 | 6.13 | 5.60 | 5.30 | 5.16 | 5.13 | 4.77 | 5.42 | 5.33 | 5.57 | 17 |
| 18 | 5.67 | 5.69 | 6.42 | 6.06 | 5.59 | 5.28 | 5.11 | 5.13 | 4.75 | 5.40 | 5.48 | 5.49 | 18 |
| 19 | 5.66 | 5.62 | 6.63 | 5.94 | 5.62 | 5.46 | 5.09 | 5.19 | 4.80 | 5.42 | 5.53 | 5.42 | 19 |
| 20 | 5.68 | 5.53 | 6.64 | 5.87 | 5.79 | 5.62 | 5.14 | 5.18 | 4.85 | 5.49 | 5.49 | 5.41 | 20 |
| 21 | 5.88 | 5.37 | 6.57 | 5.88 | 5.93 | 5.59 | 5.20 | 5.14 | 4.89 | 5.48 | 5.47 | 5.38 | 21 |
| 22 | 6.01 | 5.39 | 6.49 | 5.97 | 5.97 | 5.59 | 5.23 | 5.10 | 4.90 | 5.49 | 5.45 | 5.40 | 22 |
| 23 | 5.90 | 5.39 | 6.40 | 6.07 | 6.07 | 5.65 | 5.33 | 5.11 | 4.90 | 5.58 | 5.45 | 5.51 | 23 |
| 24 | 5.88 | 5.48 | 6.37 | 6.16 | 6.10 | 5.66 | 5.40 | 5.09 | 4.84 | 5.63 | 5.45 | 5.78 | 24 |
| 25 | 5.88 | 5.66 | 6.27 | 6.24 | 6.13 | 5.63 | 5.45 | 5.07 | 4.76 | 5.70 | 5.41 | 5.89 | 25 |
| 26 | 5.85 | 5.72 | 6.24 | 6.31 | 6.10 | 5.54 | 5.41 | 5.02 | 4.75 | 5.74 | 5.39 | 5.75 | 26 |
| 27 | 5.83 | 5.69 | 6.20 | 6.36 | 6.06 | 5.49 | 5.33 | 4.98 | 4.71 | 5.67 | 5.40 | 5.65 | 27 |
| 28 | 5.80 | 5.63 | 6.10 | 6.56 | 5.98 | 5.46 | 5.27 | 4.93 | 4.67 | 5.60 | 5.41 | 5.58 | 28 |
| 29 | 5.82 | | 6.08 | 6.72 | 5.92 | 5.40 | 5.19 | 4.93 | 4.71 | 5.56 | 5.49 | 5.55 | 29 |
| 30 | 5.94 | | 6.02 | 6.72 | 5.88 | 5.35 | 5.10 | 4.95 | 4.86 | 5.52 | 5.59 | 5.61 | 30 |
| 31 | 5.93 | | 5.94 | | 5.78 | | 5.05 | 4.89 | | 5.48 | | 5.90 | 31 |
| MOY | 5.67 | 5.67 | 5.83 | --- | 5.96 | 5.49 | 5.26 | 5.05 | 4.84 | 5.38 | 5.45 | 5.68 | MOY |
| MAX | 6.01 | 5.86 | 6.64 | --- | 6.67 | 5.66 | 5.45 | 5.19 | 4.99 | 5.74 | 5.69 | 6.07 | MAX |
| MIN | 5.39 | 5.37 | 5.17 | --- | 5.54 | 5.28 | 5.05 | 4.89 | 4.67 | 4.90 | 5.19 | 5.38 | MIN |

NIVEAUX EN METRES

SOMMAIRE POUR L'ANNEE 1990

MAXIMUM QUOTIDIEN, 6.72 LE AVR 29
MINIMUM QUOTIDIEN, 4.67 LE SEP 28
MAXIMUM INSTANTANE, 6.82 LE 28 AVR A 22:02 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 46 44 N
LONG 073 21 27 W
DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15720 VERCHERES

## SAINT-LAURENT (FLEUVE) AU PONT MERCIER - STATION NO. 02OA017

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.644 | 1.638 | 1.673 | 1.853 | 2.194 | 1.938 | 1.773 | 1.862 | 1.938 | 2.012 | 1.745 | 1.751 | 1 |
| 2 | 1.530 | 1.608 | 1.653 | 1.886 | 2.204 | 1.888 | 1.765 | 1.855 | 1.929 | 2.046 | 1.699 | 1.817 | 2 |
| 3 | 1.532 | 1.635 | 1.613 | 1.888 | 2.134 | 1.891 | 1.770 | 1.873 | 1.973 | 2.058 | 1.687 | 1.804 | 3 |
| 4 | 1.484 | 1.698 | 1.603 | 2.100 | 2.086 | 1.901 | 1.774 | 1.880 | 1.974 | 2.072 | 1.733 | 1.741 | 4 |
| 5 | 1.433 | 1.776 | 1.599 | 2.391 | 2.067 | 1.867 | 1.756 | 1.881 | 1.952 | 1.950 | 1.697 | 1.947 | 5 |
| 6 | 1.423 | 1.740 | 1.584 | 2.294 | 2.078 | 1.840 | 1.776 | 1.900 | 1.962 | 2.014 | 1.707 | 1.970 | 6 |
| 7 | 1.347 | 1.628 | 1.556 | 2.141 | 2.029 | 1.910 | 1.772 | 1.803 | 1.943 | 2.095 | 1.672 | 1.858 | 7 |
| 8 | 1.475 | 1.541 | 1.518 | 2.015 | 1.988 | 1.893 | 1.722 | 1.825 | 1.970 | 2.105 | 1.643 | 1.837 | 8 |
| 9 | 1.504 | 1.507 | 1.506 | 1.966 | 1.946 | 1.826 | 1.710 | 1.922 | 1.982 | 2.031 | 1.674 | 1.866 | 9 |
| 10 | 1.494 | 1.647 | 1.513 | 1.949 | 1.860 | 1.803 | 1.695 | 1.908 | 2.016 | 1.970 | 1.647 | 1.929 | 10 |
| 11 | 1.499 | 1.786 | 1.499 | 2.002 | 1.907 | 1.823 | 1.673 | 1.908 | 2.018 | 2.006 | 1.649 | 1.909 | 11 |
| 12 | 1.492 | 1.837 | 1.519 | 2.168 | 1.863 | 1.874 | 1.658 | 1.948 | 2.032 | 1.871 | 1.650 | 1.869 | 12 |
| 13 | 1.378 | 1.742 | 1.576 | 2.187 | 1.810 | 1.845 | 1.685 | 1.958 | 2.028 | 1.860 | 1.630 | 1.822 | 13 |
| 14 | 1.185 | 1.663 | 1.695 | 2.130 | 1.788 | 1.810 | 1.717 | 1.875 | 2.001 | 1.838 | 1.515 | 1.863 | 14 |
| 15 | 1.356 | 1.650 | 1.770 | 2.085 | 1.824 | 1.814 | 1.692 | 1.850 | 1.968 | 1.840 | 1.502 | 1.828 | 15 |
| 16 | 1.583 | 1.744 | 1.840 | 2.130 | 1.850 | 1.796 | 1.682 | 1.912 | 2.029 | 1.844 | 1.518 | 1.738 | 16 |
| 17 | 1.665 | 1.710 | 1.997 | 2.122 | 1.783 | 1.760 | 1.723 | 1.849 | 2.080 | 1.859 | 1.565 | 1.742 | 17 |
| 18 | 1.657 | 1.691 | 2.345 | 2.072 | 1.831 | 1.797 | 1.741 | 1.885 | 2.110 | 1.909 | 1.626 | 1.673 | 18 |
| 19 | 1.606 | 1.738 | 2.210 | 2.022 | 1.898 | 1.827 | 1.738 | 1.866 | 2.016 | 1.801 | 1.613 | 1.539 | 19 |
| 20 | 1.696 | 1.570 | 2.047 | 1.981 | 1.915 | 1.759 | 1.724 | 1.888 | 2.039 | 1.834 | 1.631 | 1.581 | 20 |
| 21 | 1.573 | 1.606 | 2.097 | 1.980 | 1.972 | 1.807 | 1.729 | 1.947 | 2.054 | 1.835 | 1.666 | 1.598 | 21 |
| 22 | 1.562 | 1.632 | 2.093 | 2.017 | 2.085 | 1.815 | 1.774 | 1.916 | 2.010 | 1.793 | 1.613 | 1.608 | 22 |
| 23 | 1.624 | 1.598 | 2.095 | 2.074 | 2.076 | 1.770 | 1.780 | 1.880 | 2.022 | 1.787 | 1.646 | 1.576 | 23 |
| 24 | 1.654 | 1.653 | 2.080 | 2.070 | 2.076 | 1.778 | 1.702 | 1.913 | 2.071 | 1.781 | 1.700 | 1.633 | 24 |
| 25 | 1.647 | 1.717 | 2.104 | 2.062 | 2.078 | 1.784 | 1.728 | 1.911 | 2.130 | 1.709 | 1.695 | 1.820 | 25 |
| 26 | 1.632 | 1.725 | 2.089 | 2.071 | 2.069 | 1.769 | 1.757 | 1.911 | 2.108 | 1.730 | 1.678 | 1.719 | 26 |
| 27 | 1.662 | 1.716 | 2.052 | 2.081 | 2.049 | 1.775 | 1.803 | 1.931 | 2.123 | 1.803 | 1.628 | 1.615 | 27 |
| 28 | 1.705 | 1.695 | 2.033 | 2.120 | 1.986 | 1.768 | 1.818 | 1.980 | 2.090 | 1.762 | 1.664 | 1.538 | 28 |
| 29 | 1.696 | | 1.944 | 2.171 | 1.916 | 1.741 | 1.813 | 1.924 | 2.056 | 1.771 | 1.761 | 1.479 | 29 |
| 30 | 1.667 | | 1.920 | 2.209 | 1.904 | 1.733 | 1.832 | 1.894 | 2.024 | 1.758 | 1.778 | 1.539 | 30 |
| 31 | 1.634 | | 1.878 | | 1.969 | | 1.843 | 1.969 | | 1.751 | | 1.583 | 31 |
| MOY | 1.550 | 1.675 | 1.829 | 2.075 | 1.978 | 1.820 | 1.746 | 1.897 | 2.022 | 1.887 | 1.654 | 1.735 | MOY |
| MAX | 1.705 | 1.837 | 2.345 | 2.391 | 2.204 | 1.938 | 1.843 | 1.980 | 2.130 | 2.105 | 1.778 | 1.970 | MAX |
| MIN | 1.185 | 1.507 | 1.499 | 1.853 | 1.783 | 1.733 | 1.658 | 1.803 | 1.929 | 1.709 | 1.502 | 1.479 | MIN |

NIVEAUX EN METRES

SOMMAIRE POUR L'ANNEE 1990

MOYEN, 1.823
MAXIMUM QUOTIDIEN, 2.391 LE AVR 05
MINIMUM QUOTIDIEN, 1.185 LE JAN 14
MAXIMUM INSTANTANE,
2.453 LE 05 AVR A 14:07 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 25 13 N
LONG 073 39 07 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 18.016 m POUR OBTENIR LES COTES INTERNATIONAL DES GRANDS LACS (1955)

## SAINT-LAURENT (FLEUVE) AU QUAI DE LA RUE FRONTENAC (MONTREAL) - STATION NO. 02OA047

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.31 | 6.53 | 6.34 | 6.62 | 7.35 | --- | 6.23 | --- | --- | 5.74 | 6.33 | 6.37 | 1 |
| 2 | 6.22 | 6.49 | 6.30 | 6.65 | 7.32 | --- | 6.22 | --- | --- | 5.78 | 6.26 | 6.50 | 2 |
| 3 | 6.23 | 6.55 | 6.36 | 6.75 | 7.22 | 6.32 | 6.18 | 5.79 | --- | 5.79 | 6.24 | 6.61 | 3 |
| 4 | 6.30 | 6.76 | 6.32 | 7.06 | 7.12 | 6.32 | --- | 5.77 | --- | 5.77 | 6.28 | 6.78 | 4 |
| 5 | 6.28 | 6.67 | 6.24 | 7.34 | 7.06 | 6.32 | --- | 5.79 | --- | 5.85 | 6.35 | 6.77 | 5 |
| 6 | 6.21 | 6.57 | 6.24 | 7.39 | 6.96 | 6.27 | --- | 5.79 | 5.78 | 5.89 | 6.38 | 6.79 | 6 |
| 7 | 6.13 | 6.50 | 6.16 | 7.27 | 6.89 | 6.33 | --- | 5.92 | 5.84 | 5.92 | 6.42 | 6.67 | 7 |
| 8 | 6.22 | 6.37 | 6.05 | 7.07 | 6.78 | 6.36 | --- | 5.94 | 5.83 | 5.92 | 6.37 | 6.61 | 8 |
| 9 | 6.31 | 6.30 | 6.02 | 6.92 | 6.67 | 6.31 | --- | 5.88 | 5.79 | 6.00 | 6.32 | 6.58 | 9 |
| 10 | 6.38 | 6.40 | 6.03 | 6.93 | 6.57 | 6.33 | --- | 5.87 | 5.75 | 6.11 | 6.27 | 6.59 | 10 |
| 11 | 6.42 | 6.48 | 6.01 | 7.03 | 6.49 | 6.39 | --- | 5.88 | 5.75 | 6.08 | 6.21 | 6.48 | 11 |
| 12 | 6.44 | 6.63 | 6.03 | 7.03 | 6.46 | 6.35 | --- | 5.84 | 5.70 | 6.15 | 6.18 | 6.40 | 12 |
| 13 | 6.39 | 6.56 | 6.09 | 7.05 | 6.40 | 6.32 | --- | 5.89 | 5.70 | 6.24 | 6.10 | 6.39 | 13 |
| 14 | 6.13 | 6.52 | 6.24 | 7.02 | 6.34 | 6.26 | --- | 5.93 | 5.66 | 6.28 | 6.02 | 6.43 | 14 |
| 15 | 6.12 | 6.49 | 6.41 | 6.93 | 6.34 | 6.21 | --- | 6.00 | 5.65 | 6.30 | 5.95 | 6.35 | 15 |
| 16 | 6.24 | 6.74 | 6.56 | 6.92 | 6.37 | 6.18 | --- | 5.97 | 5.65 | 6.26 | 5.99 | 6.42 | 16 |
| 17 | 6.36 | 6.65 | 6.81 | 6.89 | 6.37 | 6.14 | --- | 5.94 | 5.61 | 6.21 | 6.11 | 6.34 | 17 |
| 18 | 6.49 | 6.52 | 7.25 | 6.84 | 6.36 | 6.13 | --- | 5.96 | 5.58 | 6.16 | 6.21 | 6.24 | 18 |
| 19 | 6.42 | 6.49 | 7.40 | 6.74 | 6.44 | 6.31 | --- | 6.04 | 5.66 | --- | 6.24 | 6.15 | 19 |
| 20 | 6.47 | 6.40 | 7.38 | 6.67 | 6.60 | 6.39 | --- | 6.01 | 5.69 | --- | 6.21 | --- | 20 |
| 21 | 6.71 | 6.25 | 7.31 | 6.67 | 6.72 | 6.37 | --- | 5.95 | 5.70 | --- | 6.21 | --- | 21 |
| 22 | 6.75 | 6.29 | 7.22 | 6.72 | 6.79 | 6.38 | --- | 5.91 | 5.72 | --- | 6.20 | --- | 22 |
| 23 | 6.63 | 6.27 | 7.14 | 6.87 | 6.87 | 6.41 | --- | --- | 5.72 | --- | 6.22 | 6.24 | 23 |
| 24 | 6.62 | 6.34 | 7.11 | 6.95 | 6.89 | 6.40 | --- | --- | 5.65 | --- | 6.23 | 6.51 | 24 |
| 25 | 6.63 | 6.51 | 7.03 | 7.00 | 6.92 | 6.40 | --- | --- | 5.57 | --- | 6.18 | 6.59 | 25 |
| 26 | 6.57 | 6.54 | 7.02 | 7.04 | --- | --- | --- | --- | 5.57 | --- | 6.19 | 6.44 | 26 |
| 27 | 6.55 | 6.47 | 6.97 | 7.07 | --- | --- | --- | --- | 5.55 | --- | 6.19 | 6.34 | 27 |
| 28 | 6.54 | 6.43 | 6.88 | 7.28 | --- | 6.27 | --- | --- | --- | --- | 6.21 | 6.28 | 28 |
| 29 | 6.57 | | 6.84 | 7.43 | --- | 6.20 | --- | --- | --- | --- | 6.30 | 6.24 | 29 |
| 30 | 6.68 | | 6.77 | --- | --- | 6.17 | --- | --- | 5.72 | --- | 6.38 | 6.30 | 30 |
| 31 | 6.62 | | 6.69 | | --- | | --- | --- | | --- | | 6.63 | 31 |
| MOY | 6.42 | 6.49 | 6.62 | --- | --- | --- | --- | --- | --- | --- | 6.22 | --- | MOY |
| MAX | 6.75 | 6.76 | 7.40 | --- | --- | --- | --- | --- | --- | --- | 6.42 | --- | MAX |
| MIN | 6.12 | 6.25 | 6.01 | --- | --- | --- | --- | --- | --- | --- | 5.95 | --- | MIN |

NIVEAUX EN METRES

SOMMAIRE POUR L'ANNEE 1990

MAXIMUM INSTANTANE,
7.49 LE 28 AVR A 22:30 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 31 43 N
LONG 073 32 34 W
DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15540 RUE FRONTENAC

## SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A BEAUHARNOIS - STATION NO. 02MC019

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 45.54 | 45.99 | 45.86 | 45.93 | 45.83 | 45.96 | --- | --- | 45.91 | 45.86 | 1 |
| 2 | --- | 45.46 | 45.53 | 45.90 | 45.84 | 45.91 | 45.84 | 46.00 | --- | 45.94 | 46.01 | 45.78 | 2 |
| 3 | --- | 45.50 | 45.41 | 45.83 | 45.87 | 45.95 | 45.87 | 46.05 | --- | 45.90 | 46.06 | 45.71 | 3 |
| 4 | --- | 45.57 | 45.40 | 45.81 | 45.93 | 45.95 | 45.86 | 46.00 | --- | 46.01 | 46.05 | 45.91 | 4 |
| 5 | --- | 45.50 | 45.38 | 45.85 | 45.93 | 45.94 | 45.92 | 45.97 | --- | 45.93 | 46.00 | 45.91 | 5 |
| 6 | --- | 45.49 | 45.41 | 45.86 | 45.94 | 45.98 | 45.88 | 46.02 | --- | 45.90 | 46.10 | 45.86 | 6 |
| 7 | --- | 45.49 | 45.47 | 45.86 | 45.90 | 45.94 | 45.83 | 45.95 | --- | 45.90 | 46.05 | 45.91 | 7 |
| 8 | --- | 45.57 | 45.51 | 45.91 | 45.86 | 45.86 | 45.83 | 45.90 | --- | 45.94 | 46.06 | 45.93 | 8 |
| 9 | --- | 45.62 | 45.51 | 45.91 | 45.85 | 45.89 | 45.87 | 45.94 | --- | 45.90 | 46.01 | 45.96 | 9 |
| 10 | --- | 45.54 | 45.48 | 45.87 | 45.85 | 45.96 | 45.87 | 45.94 | --- | 45.77 | 46.02 | 45.95 | 10 |
| 11 | --- | 45.42 | 45.52 | 45.99 | 45.91 | 45.96 | 45.84 | 45.90 | --- | 45.92 | 46.08 | 45.91 | 11 |
| 12 | --- | 45.37 | 45.60 | 45.96 | 45.85 | 45.93 | 45.86 | 45.93 | --- | 45.88 | 46.10 | 45.82 | 12 |
| 13 | --- | 45.41 | 45.76 | 45.82 | 45.87 | 45.90 | 45.89 | 45.96 | --- | 45.87 | 46.09 | 45.96 | 13 |
| 14 | --- | 45.48 | 45.72 | 45.76 | 45.94 | 45.91 | 45.89 | 46.01 | --- | 45.93 | 46.05 | 45.83 | 14 |
| 15 | --- | 45.51 | 45.79 | 45.84 | 45.91 | 45.92 | 45.83 | 45.95 | --- | 46.02 | 46.04 | 45.82 | 15 |
| 16 | --- | 45.58 | 45.89 | 45.84 | 45.80 | 45.91 | 45.85 | 45.97 | --- | 45.99 | 45.96 | 45.89 | 16 |
| 17 | --- | 45.54 | 45.92 | 45.87 | 45.83 | 45.95 | 45.83 | 45.91 | --- | 45.89 | 45.91 | 45.86 | 17 |
| 18 | --- | 45.46 | 45.83 | 45.82 | 45.97 | 46.03 | 45.86 | 45.91 | --- | 45.95 | 45.93 | 45.89 | 18 |
| 19 | --- | 45.53 | 45.88 | 45.79 | 45.94 | 45.94 | 45.85 | 45.84 | --- | 46.03 | 45.96 | 45.98 | 19 |
| 20 | --- | 45.58 | 45.93 | 45.80 | 45.89 | 45.95 | 45.86 | 45.88 | --- | 45.92 | 45.98 | 45.79 | 20 |
| 21 | --- | 45.54 | 45.95 | 45.86 | 45.87 | 45.93 | 45.85 | 45.98 | --- | 45.92 | 45.86 | 45.81 | 21 |
| 22 | --- | 45.55 | 45.96 | 45.91 | 45.84 | 45.90 | 45.84 | 46.02 | --- | 45.95 | 45.87 | 45.84 | 22 |
| 23 | --- | 45.49 | 46.01 | 45.84 | 45.90 | 45.91 | 45.90 | 45.96 | --- | 45.90 | 45.85 | 45.91 | 23 |
| 24 | --- | 45.42 | 45.98 | 45.81 | 45.90 | 45.93 | 45.87 | 45.95 | --- | 46.01 | 45.87 | 45.85 | 24 |
| 25 | --- | 45.38 | 46.00 | 45.84 | 45.91 | 45.94 | 45.87 | 45.96 | --- | 46.00 | 45.89 | 45.80 | 25 |
| 26 | --- | 45.37 | 46.00 | 45.90 | 45.89 | 45.95 | 45.87 | 45.93 | --- | 46.01 | 45.85 | 45.84 | 26 |
| 27 | --- | 45.43 | 45.95 | 45.95 | 45.87 | 45.96 | 45.91 | 45.90 | --- | 45.88 | 45.91 | 45.81 | 27 |
| 28 | --- | 45.47 | 45.90 | 45.87 | 45.91 | 45.94 | 45.93 | 45.97 | --- | 45.90 | 45.97 | 45.83 | 28 |
| 29 | --- | | 45.89 | 45.86 | 45.98 | 45.89 | 45.90 | 45.97 | --- | 45.93 | 45.94 | 45.83 | 29 |
| 30 | --- | | 45.92 | 45.83 | 45.95 | 45.90 | 45.89 | 45.90 | --- | 45.91 | 45.85 | 45.95 | 30 |
| 31 | --- | | 45.99 | | 45.95 | | 45.92 | 45.95 | | 45.92 | | 45.91 | 31 |
| MOY | --- | --- | 45.74 | 45.86 | 45.89 | 45.93 | 45.87 | 45.95 | --- | --- | 45.97 | 45.87 | MOY |
| MAX | --- | --- | 46.01 | 45.99 | 45.98 | 46.03 | 45.93 | 46.05 | --- | --- | 46.10 | 45.98 | MAX |
| MIN | --- | --- | 45.38 | 45.76 | 45.80 | 45.86 | 45.83 | 45.84 | --- | --- | 45.85 | 45.71 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 46.10 LE NOV 06

MAXIMUM INSTANTANE, 46.36 LE 12 NOV A 19:46 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 17 59 N
LONG 073 55 50 W

DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIEN ET LEVES OCEANIQUES - 15260 ECLUSE BEAUHARNOIS(AMONT)

## SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A COTE-SAINTE-CATHERINE - STATION NO. 02OA043

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21.18 | 21.13 | --- | 21.40 | 21.79 | 21.53 | 21.33 | 21.06 | 21.01 | 20.96 | 21.29 | 21.29 | 1 |
| 2 | 21.15 | --- | --- | 21.42 | 21.80 | 21.46 | 21.33 | 21.07 | 21.01 | 20.92 | 21.23 | 21.40 | 2 |
| 3 | 21.15 | --- | --- | 21.45 | 21.72 | 21.46 | 21.33 | 21.06 | 20.97 | 20.92 | 21.22 | 21.28 | 3 |
| 4 | 20.98 | --- | --- | 21.71 | 21.66 | 21.47 | 21.33 | 21.06 | 20.98 | 20.90 | 21.28 | 21.35 | 4 |
| 5 | 20.91 | --- | --- | 22.01 | 21.64 | 21.43 | 21.31 | 21.05 | 21.00 | 21.04 | 21.22 | 21.57 | 5 |
| 6 | 20.88 | --- | 21.16 | 21.90 | 21.66 | 21.41 | 21.33 | 21.03 | 20.98 | 20.97 | 21.26 | 21.48 | 6 |
| 7 | 20.94 | 21.20 | 21.09 | 21.73 | 21.61 | 21.49 | 21.33 | 21.14 | 21.01 | 20.88 | 21.20 | 21.36 | 7 |
| 8 | 21.01 | 21.04 | 21.05 | 21.59 | 21.55 | 21.46 | 21.27 | 21.11 | 20.98 | 20.87 | 21.18 | 21.39 | 8 |
| 9 | 20.98 | 20.99 | 21.00 | 21.53 | 21.51 | 21.38 | 21.26 | 21.01 | 20.96 | 20.95 | 21.21 | 21.45 | 9 |
| 10 | 20.98 | 21.15 | 20.99 | 21.50 | 21.41 | 21.36 | 21.25 | 21.03 | 20.92 | 21.02 | 21.18 | 21.49 | 10 |
| 11 | 20.96 | 21.39 | 20.98 | 21.58 | 21.47 | 21.39 | 21.23 | 21.03 | 20.92 | 20.97 | 21.21 | 21.45 | 11 |
| 12 | 20.95 | 21.41 | 21.00 | 21.76 | 21.42 | 21.45 | 21.21 | 20.99 | 20.91 | 21.14 | 21.21 | 21.40 | 12 |
| 13 | 20.88 | 21.27 | 21.07 | 21.77 | 21.35 | 21.41 | 21.21 | 20.98 | 20.93 | 21.14 | 21.19 | 21.37 | 13 |
| 14 | 20.87 | 21.18 | 21.20 | 21.70 | 21.34 | 21.37 | 21.21 | 21.06 | 20.95 | 21.17 | 21.03 | 21.42 | 14 |
| 15 | 21.12 | 21.31 | 21.26 | 21.66 | 21.38 | 21.38 | 21.23 | 21.08 | 21.00 | 21.16 | 21.02 | 21.31 | 15 |
| 16 | 21.35 | 21.41 | 21.36 | 21.71 | 21.40 | 21.36 | 21.25 | 21.01 | 20.93 | 21.15 | 21.03 | 21.28 | 16 |
| 17 | 21.35 | 21.39 | 21.53 | 21.72 | 21.32 | 21.33 | 21.20 | 21.09 | 20.88 | 21.13 | 21.10 | 21.26 | 17 |
| 18 | 21.19 | 21.47 | 21.92 | 21.64 | 21.39 | 21.36 | 21.19 | 21.06 | 20.86 | 21.08 | 21.15 | 21.11 | 18 |
| 19 | 21.17 | 21.41 | 21.77 | 21.58 | 21.47 | 21.40 | 21.19 | 21.07 | 20.94 | 21.23 | 21.14 | 21.10 | 19 |
| 20 | 21.29 | 21.19 | 21.60 | 21.53 | 21.48 | 21.32 | 21.20 | 21.05 | 20.92 | 21.17 | 21.17 | 21.15 | 20 |
| 21 | 21.17 | 21.29 | 21.67 | 21.54 | 21.53 | 21.38 | 21.19 | 20.99 | 20.91 | 21.16 | 21.19 | 21.13 | 21 |
| 22 | 21.21 | 21.14 | 21.65 | 21.58 | 21.67 | 21.38 | 21.15 | 21.03 | 20.94 | 21.20 | 21.12 | 21.14 | 22 |
| 23 | 21.25 | 21.10 | 21.68 | 21.64 | 21.67 | 21.33 | 21.16 | 21.05 | 20.93 | 21.20 | 21.19 | 21.11 | 23 |
| 24 | 21.20 | 21.22 | 21.67 | 21.63 | 21.66 | 21.34 | 21.22 | 21.02 | 20.88 | 21.23 | 21.25 | 21.33 | 24 |
| 25 | 21.15 | 21.35 | 21.69 | 21.63 | 21.66 | 21.35 | 21.20 | 21.03 | 20.82 | 21.30 | 21.23 | 21.29 | 25 |
| 26 | 21.14 | 21.43 | 21.67 | 21.64 | 21.66 | 21.34 | 21.16 | 21.04 | 20.85 | 21.30 | 21.21 | 21.18 | 26 |
| 27 | 21.23 | 21.45 | 21.62 | 21.67 | 21.63 | 21.34 | 21.11 | 21.01 | 20.83 | 21.36 | 21.15 | 21.09 | 27 |
| 28 | 21.20 | --- | 21.61 | 21.70 | 21.57 | 21.32 | 21.10 | 20.96 | 20.87 | 21.32 | 21.14 | 21.06 | 28 |
| 29 | 21.17 | | 21.49 | 21.74 | 21.49 | 21.30 | 21.11 | 21.02 | 20.91 | 21.33 | 21.32 | 21.11 | 29 |
| 30 | 21.10 | | 21.47 | 21.79 | 21.58 | 21.30 | 21.09 | 21.05 | 20.95 | 21.31 | 21.32 | 21.07 | 30 |
| 31 | 21.12 | | 21.42 | | 21.55 | | 21.09 | 20.98 | | 21.31 | | 21.44 | 31 |
| MOY | 21.11 | --- | --- | 21.65 | 21.55 | 21.39 | 21.22 | 21.04 | 20.93 | 21.12 | 21.19 | 21.29 | MOY |
| MAX | 21.35 | --- | --- | 22.01 | 21.80 | 21.53 | 21.33 | 21.14 | 21.01 | 21.36 | 21.32 | 21.57 | MAX |
| MIN | 20.87 | --- | --- | 21.40 | 21.32 | 21.30 | 21.09 | 20.96 | 20.82 | 20.87 | 21.02 | 21.06 | MIN |

### SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 22.01 LE AVR 05

MAXIMUM INSTANTANE, 22.16 LE 05 AVR A 10:21 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 24 30 N
LONG 073 34 29 W

DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15450 COTE-SAINTE-CATHERINE

## SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A SAINT-LAMBERT - STATION NO. 020A044

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9.55 | 9.50 | 9.54 | 11.45 | 11.45 | 11.48 | 11.46 | 11.45 | 11.45 | 11.48 | 11.44 | 11.47 | 1 |
| 2 | 9.59 | 9.53 | 9.54 | 11.46 | 11.41 | 11.40 | 11.49 | 11.47 | 11.47 | 11.48 | 11.42 | 11.47 | 2 |
| 3 | 9.55 | 9.59 | 9.53 | 11.48 | 11.49 | 11.36 | 11.44 | 11.49 | 11.44 | 11.40 | 11.47 | 11.47 | 3 |
| 4 | 9.53 | 9.63 | 9.53 | 11.56 | 11.49 | 11.39 | 11.44 | 11.49 | 11.47 | 11.45 | 11.43 | 11.45 | 4 |
| 5 | 9.53 | 9.58 | 9.52 | 11.48 | 11.43 | --- | 11.47 | 11.49 | 11.47 | 11.50 | 11.44 | 11.45 | 5 |
| 6 | 9.52 | 9.49 | 9.53 | 11.44 | --- | --- | 11.52 | 11.47 | 11.45 | 11.50 | 11.44 | 11.48 | 6 |
| 7 | 9.53 | 9.54 | 9.52 | 11.46 | 11.44 | --- | 11.43 | 11.44 | 11.46 | 11.44 | 11.47 | 11.43 | 7 |
| 8 | 9.51 | 9.49 | 9.52 | 11.49 | 11.45 | --- | 11.48 | 11.48 | 11.47 | 11.45 | 11.41 | 11.45 | 8 |
| 9 | 9.47 | 9.51 | 9.51 | 11.48 | 11.45 | --- | 11.43 | 11.47 | 11.45 | 11.45 | 11.45 | 11.41 | 9 |
| 10 | 9.48 | 9.57 | 9.49 | 11.42 | 11.49 | --- | 11.46 | 11.46 | 11.51 | 11.44 | 11.44 | 11.41 | 10 |
| 11 | 9.53 | 9.48 | 9.52 | 11.53 | 11.49 | --- | 11.45 | 11.43 | 11.45 | 11.50 | 11.51 | 11.49 | 11 |
| 12 | 9.57 | 9.49 | 10.32 | 11.47 | 11.51 | 11.45 | 11.46 | 11.48 | 11.45 | 11.49 | 11.43 | 11.45 | 12 |
| 13 | 9.51 | 9.51 | 11.18 | 11.41 | 11.43 | 11.44 | 11.46 | 11.43 | 11.50 | 11.45 | 11.48 | 11.43 | 13 |
| 14 | 9.51 | 9.42 | 11.42 | 11.51 | 11.49 | 11.41 | 11.47 | 11.45 | 11.49 | 11.45 | 11.42 | 11.43 | 14 |
| 15 | 9.51 | 9.53 | 11.36 | 11.52 | 11.45 | 11.47 | 11.45 | 11.44 | 11.46 | 11.48 | 11.45 | 11.42 | 15 |
| 16 | 9.53 | 9.57 | 11.40 | 11.42 | 11.40 | 11.48 | 11.47 | 11.46 | 11.44 | 11.49 | 11.50 | 11.44 | 16 |
| 17 | 9.53 | 9.60 | 11.37 | 11.45 | 11.49 | 11.41 | 11.49 | 11.44 | 11.46 | 11.49 | 11.50 | 11.44 | 17 |
| 18 | 9.53 | 9.55 | 11.44 | 11.47 | 11.47 | 11.42 | 11.44 | 11.50 | 11.50 | 11.49 | 11.46 | 11.43 | 18 |
| 19 | 9.50 | 9.51 | 11.37 | 11.43 | 11.45 | 11.38 | 11.40 | 11.48 | 11.48 | 11.51 | 11.44 | 11.44 | 19 |
| 20 | 9.55 | 9.44 | 11.40 | 11.41 | 11.44 | 11.46 | 11.39 | 11.47 | 11.44 | 11.43 | 11.44 | 11.47 | 20 |
| 21 | 9.57 | 9.53 | 11.46 | 11.49 | 11.48 | 11.47 | 11.36 | 11.43 | 11.45 | 11.40 | 11.47 | 11.44 | 21 |
| 22 | 9.44 | 9.46 | 11.45 | 11.47 | 11.50 | 11.47 | 11.45 | 11.45 | 11.40 | 11.49 | 11.43 | 11.44 | 22 |
| 23 | 9.32 | 9.47 | 11.45 | 11.42 | 11.43 | 11.47 | 11.42 | 11.43 | 11.46 | 11.50 | 11.51 | 11.45 | 23 |
| 24 | 9.35 | 9.54 | 11.39 | 11.45 | 11.48 | 11.44 | 11.39 | 11.45 | 11.46 | 11.53 | 11.45 | 11.44 | 24 |
| 25 | 9.36 | 9.48 | 11.34 | 11.49 | 11.47 | 11.45 | 11.45 | 11.45 | 11.47 | 11.45 | 11.50 | 11.47 | 25 |
| 26 | 9.48 | 9.46 | 11.41 | 11.48 | 11.47 | 11.47 | 11.40 | 11.51 | 11.43 | 11.43 | 11.47 | 11.44 | 26 |
| 27 | 9.46 | 9.49 | 11.40 | 11.52 | 11.45 | 11.48 | 11.45 | 11.45 | 11.48 | 11.49 | 11.50 | 11.40 | 27 |
| 28 | 9.49 | 9.52 | 11.46 | 11.45 | 11.45 | 11.45 | 11.40 | 11.46 | 11.48 | 11.45 | 11.50 | 11.27 | 28 |
| 29 | 9.54 | | 11.40 | 11.47 | 11.48 | 11.48 | 11.46 | 11.48 | 11.46 | 11.44 | 11.46 | 10.40 | 29 |
| 30 | 9.48 | | 11.43 | 11.43 | 11.40 | 11.47 | 11.50 | 11.45 | 11.44 | 11.44 | 11.47 | 10.30 | 30 |
| 31 | 9.50 | | 11.45 | | 11.38 | | 11.52 | 11.50 | | 11.48 | | 10.25 | 31 |
| MOY | 9.50 | 9.52 | 10.70 | 11.47 | --- | --- | 11.45 | 11.46 | 11.46 | 11.47 | 11.46 | 11.33 | MOY |
| MAX | 9.59 | 9.63 | 11.46 | 11.56 | --- | --- | 11.52 | 11.51 | 11.51 | 11.53 | 11.51 | 11.49 | MAX |
| MIN | 9.32 | 9.42 | 9.49 | 11.41 | --- | --- | 11.36 | 11.43 | 11.40 | 11.40 | 11.41 | 10.25 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 11.56 LE AVR 04
MINIMUM QUOTIDIEN, 9.32 LE JAN 23
MAXIMUM INSTANTANÉ,
11.68 LE 04 AVR A 13:21 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 29 16 N
LONG 073 30 32 W
DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15505 SAINT-LAMBERT (AMONT)

## SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A BEAUHARNOIS - STATION NO. 02MC020

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21.38 | 21.36 | 21.56 | 21.51 | 21.89 | 21.61 | 21.48 | 21.23 | 21.19 | --- | 21.45 | 21.43 | 1 |
| 2 | 21.42 | 21.39 | 21.33 | 21.58 | 21.89 | 21.57 | 21.46 | 21.24 | 21.21 | --- | 21.38 | 21.53 | 2 |
| 3 | 21.41 | 21.60 | 21.30 | 21.61 | 21.82 | 21.58 | 21.45 | 21.21 | 21.17 | --- | 21.37 | 21.51 | 3 |
| 4 | 21.27 | 21.73 | 21.27 | 21.85 | 21.78 | 21.59 | 21.46 | 21.22 | 21.16 | --- | 21.43 | 21.51 | 4 |
| 5 | 21.20 | 21.78 | 21.36 | 22.10 | 21.77 | 21.56 | 21.46 | 21.22 | 21.19 | --- | 21.42 | 21.64 | 5 |
| 6 | 21.16 | 21.61 | 21.31 | 21.98 | 21.76 | 21.55 | 21.48 | 21.21 | 21.18 | --- | 21.38 | 21.61 | 6 |
| 7 | 21.21 | 21.38 | 21.24 | 21.81 | 21.76 | 21.52 | 21.47 | 21.30 | 21.21 | --- | 21.34 | 21.51 | 7 |
| 8 | 21.29 | 21.23 | 21.21 | 21.69 | 21.67 | 21.59 | 21.42 | 21.27 | 21.17 | --- | 21.33 | 21.54 | 8 |
| 9 | 21.27 | 21.20 | 21.18 | 21.64 | 21.61 | 21.53 | 21.40 | 21.18 | 21.15 | --- | 21.37 | 21.59 | 9 |
| 10 | 21.26 | 21.35 | 21.18 | 21.65 | 21.53 | 21.51 | 21.38 | 21.21 | 21.11 | --- | 21.33 | 21.62 | 10 |
| 11 | 21.26 | --- | 21.16 | --- | 21.54 | 21.55 | 21.37 | 21.20 | 21.12 | --- | 21.31 | 21.56 | 11 |
| 12 | 21.24 | --- | 21.18 | 21.85 | 21.52 | 21.58 | 21.36 | 21.15 | 21.10 | 21.27 | 21.30 | 21.58 | 12 |
| 13 | 21.15 | 21.43 | 21.23 | 21.85 | 21.48 | 21.55 | 21.36 | 21.17 | 21.12 | 21.29 | 21.25 | 21.50 | 13 |
| 14 | 21.13 | 21.33 | 21.37 | 21.79 | 21.44 | 21.52 | 21.35 | 21.24 | 21.14 | 21.30 | 21.15 | 21.56 | 14 |
| 15 | 21.40 | 21.50 | 21.45 | 21.74 | 21.49 | 21.52 | 21.38 | 21.25 | 21.13 | 21.28 | 21.17 | 21.47 | 15 |
| 16 | 21.60 | 21.60 | 21.53 | --- | 21.53 | 21.49 | 21.37 | 21.20 | 21.09 | 21.28 | 21.19 | 21.44 | 16 |
| 17 | 21.61 | 21.54 | 21.70 | --- | 21.47 | 21.45 | 21.34 | 21.26 | 21.04 | 21.29 | 21.25 | 21.39 | 17 |
| 18 | 21.42 | 21.65 | 22.06 | 21.74 | 21.49 | 21.49 | 21.32 | 21.23 | 21.02 | 21.28 | 21.30 | 21.25 | 18 |
| 19 | 21.41 | 21.55 | 21.92 | 21.69 | 21.57 | 21.54 | 21.32 | 21.28 | 21.13 | 21.28 | 21.29 | 21.32 | 19 |
| 20 | 21.54 | 21.35 | 21.76 | 21.65 | 21.63 | 21.46 | 21.35 | 21.24 | 21.12 | 21.29 | 21.29 | 21.32 | 20 |
| 21 | 21.42 | 21.47 | 21.79 | 21.66 | 21.70 | 21.52 | 21.35 | 21.17 | 21.10 | 21.31 | 21.35 | 21.28 | 21 |
| 22 | 21.44 | 21.33 | 21.77 | 21.70 | 21.80 | 21.51 | 21.30 | 21.21 | 21.15 | 21.35 | 21.30 | 21.28 | 22 |
| 23 | 21.47 | 21.30 | 21.75 | 21.76 | 21.78 | 21.47 | 21.31 | 21.24 | 21.11 | 21.39 | 21.34 | 21.23 | 23 |
| 24 | 21.45 | 21.42 | 21.75 | 21.75 | 21.78 | 21.47 | 21.38 | 21.21 | 21.05 | 21.38 | 21.36 | 21.45 | 24 |
| 25 | 21.41 | 21.54 | 21.77 | 21.75 | 21.78 | 21.47 | 21.36 | 21.21 | 21.01 | 21.45 | 21.33 | 21.44 | 25 |
| 26 | 21.37 | 21.61 | 21.75 | 21.76 | 21.77 | 21.46 | 21.32 | 21.21 | 21.04 | 21.45 | 21.35 | 21.31 | 26 |
| 27 | 21.44 | 21.63 | 21.72 | 21.76 | 21.76 | 21.46 | 21.28 | 21.18 | 21.02 | 21.52 | 21.32 | 21.25 | 27 |
| 28 | 21.42 | 21.62 | 21.69 | 21.83 | 21.68 | 21.47 | 21.27 | 21.14 | 21.06 | 21.46 | 21.38 | 21.21 | 28 |
| 29 | 21.43 | | 21.61 | 21.89 | 21.63 | 21.46 | 21.27 | 21.20 | 21.11 | 21.47 | 21.43 | 21.24 | 29 |
| 30 | 21.41 | | 21.59 | 21.92 | 21.69 | 21.44 | 21.26 | 21.22 | 21.13 | 21.46 | 21.45 | 21.20 | 30 |
| 31 | 21.37 | | 21.54 | | 21.65 | | 21.25 | 21.15 | | 21.44 | | 21.57 | 31 |
| MOY | 21.36 | --- | 21.52 | --- | 21.66 | 21.52 | 21.37 | 21.21 | 21.12 | --- | 21.33 | 21.43 | MOY |
| MAX | 21.61 | --- | 22.06 | --- | 21.89 | 21.62 | 21.48 | 21.30 | 21.21 | --- | 21.45 | 21.64 | MAX |
| MIN | 21.13 | --- | 21.16 | --- | 21.44 | 21.44 | 21.25 | 21.14 | 21.01 | --- | 21.15 | 21.20 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 22.10 LE AVR 05
MINIMUM QUOTIDIEN, 21.01 LE SEP 25
MAXIMUM INSTANTANÉ,
22.22 LE 05 AVR A 12:27 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 19 13 N
LONG 073 54 58 W
DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIEN. ET LEVES OCEANIQUES - 15262 ECLUSE BEAUHARNOIS (AVAL)

## SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A SAINT-LAMBERT - STATION NO. 02OA045

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.46 | 6.55 | 6.38 | 6.65 | 7.39 | 6.48 | --- | 5.89 | 5.74 | 5.77 | 6.33 | 6.38 | 1 |
| 2 | 6.33 | 6.53 | 6.34 | 6.68 | 7.36 | 6.39 | --- | 5.85 | 5.80 | 5.80 | 6.29 | 6.50 | 2 |
| 3 | 6.28 | 6.58 | 6.39 | 6.78 | 7.27 | --- | --- | 5.80 | 5.79 | 5.80 | 6.28 | 6.61 | 3 |
| 4 | 6.35 | 6.79 | 6.35 | 7.09 | 7.16 | --- | 6.21 | 5.77 | 5.75 | 5.78 | 6.33 | 6.79 | 4 |
| 5 | 6.32 | 6.71 | 6.28 | 7.38 | 7.10 | --- | 6.23 | 5.81 | 5.76 | 5.86 | 6.37 | 6.79 | 5 |
| 6 | 6.25 | 6.60 | 6.28 | 7.45 | 7.01 | --- | 6.25 | 5.80 | 5.80 | 5.90 | 6.42 | 6.81 | 6 |
| 7 | 6.15 | 6.52 | 6.19 | 7.31 | 6.95 | --- | 6.25 | 5.93 | 5.88 | 5.93 | 6.46 | 6.68 | 7 |
| 8 | 6.15 | 6.59 | 6.08 | 7.11 | 6.93 | --- | 6.19 | 5.97 | 5.86 | 5.92 | 6.42 | 6.63 | 8 |
| 9 | 6.14 | 6.51 | 6.05 | 6.96 | 6.87 | --- | 6.15 | 5.88 | 5.80 | 6.00 | 6.37 | 6.58 | 9 |
| 10 | 6.42 | 6.44 | 6.07 | 6.94 | 6.80 | --- | 6.13 | 5.89 | 5.75 | 6.12 | 6.28 | 6.61 | 10 |
| 11 | 6.45 | 6.51 | 6.05 | 7.05 | 6.52 | --- | 6.09 | 5.90 | 5.78 | 6.09 | 6.24 | 6.50 | 11 |
| 12 | 6.47 | 6.65 | 6.07 | 7.08 | 6.51 | --- | 6.07 | 5.87 | 5.74 | 6.15 | 6.22 | 6.45 | 12 |
| 13 | 6.41 | 6.59 | 6.12 | 7.09 | 6.43 | --- | 6.08 | 5.90 | 5.73 | 6.25 | 6.14 | 6.39 | 13 |
| 14 | 6.15 | 6.56 | 6.28 | 7.05 | 6.38 | --- | 6.06 | 5.95 | 5.66 | 6.29 | 6.05 | 6.46 | 14 |
| 15 | 6.15 | 6.53 | 6.46 | 6.97 | 6.37 | --- | 6.07 | 6.02 | 5.66 | 6.33 | 5.98 | 6.37 | 15 |
| 16 | 6.26 | 6.78 | 6.61 | 6.95 | 6.40 | --- | 6.05 | 5.99 | 5.69 | 6.28 | 6.01 | 6.45 | 16 |
| 17 | 6.38 | 6.69 | 6.85 | 6.94 | 6.41 | --- | 6.02 | 5.97 | 5.65 | 6.23 | 6.10 | 6.35 | 17 |
| 18 | 6.52 | 6.56 | 7.30 | 6.90 | 6.40 | --- | 5.95 | 5.98 | 5.61 | 6.17 | 6.26 | 6.25 | 18 |
| 19 | 6.45 | 6.52 | 7.45 | 6.78 | 6.48 | --- | 5.96 | 6.05 | 5.69 | 6.23 | 6.28 | 6.15 | 19 |
| 20 | 6.51 | 6.42 | 7.40 | 6.70 | 6.65 | --- | 6.04 | 6.02 | 5.71 | 6.28 | 6.25 | 6.21 | 20 |
| 21 | 6.74 | 6.28 | 7.34 | 6.71 | 6.77 | --- | 6.07 | 5.94 | 5.72 | 6.27 | 6.24 | 6.15 | 21 |
| 22 | 6.77 | 6.32 | 7.28 | 6.78 | 6.84 | --- | 6.07 | 5.92 | 5.76 | 6.28 | 6.24 | 6.19 | 22 |
| 23 | 6.65 | 6.30 | 7.17 | 6.93 | 6.90 | --- | 6.11 | 5.94 | 5.74 | 6.41 | 6.24 | 6.21 | 23 |
| 24 | 6.64 | 6.37 | 7.13 | 6.99 | 6.91 | --- | 6.13 | 5.92 | 5.67 | 6.43 | 6.25 | 6.25 | 24 |
| 25 | 6.66 | 6.53 | 7.06 | 7.04 | 6.94 | --- | 6.25 | 5.92 | 5.60 | 6.50 | 6.21 | 6.61 | 25 |
| 26 | 6.59 | 6.58 | 7.06 | 7.07 | 6.90 | --- | 6.22 | 5.87 | 5.58 | 6.53 | 6.21 | 6.44 | 26 |
| 27 | 6.56 | 6.50 | 7.01 | 7.10 | 6.86 | --- | 6.15 | 5.85 | 5.56 | 6.50 | 6.21 | 6.35 | 27 |
| 28 | 6.56 | 6.47 | 6.90 | 7.31 | 6.78 | --- | 6.09 | 5.79 | 5.55 | 6.43 | 6.21 | 6.28 | 28 |
| 29 | 6.62 | | 6.86 | 7.46 | 6.75 | --- | 6.02 | 5.84 | 5.61 | 6.43 | 6.32 | 6.25 | 29 |
| 30 | 6.71 | | 6.81 | 7.47 | 6.76 | --- | 5.95 | 5.85 | 5.74 | 6.38 | 6.40 | 6.31 | 30 |
| 31 | 6.63 | | 6.72 | | 6.62 | | 5.91 | 5.76 | | 6.32 | | 6.64 | 31 |
| MOY | 6.45 | 6.52 | 6.66 | 7.02 | 6.77 | --- | --- | 5.90 | 5.71 | 6.18 | 6.25 | 6.45 | MOY |
| MAX | 6.77 | 6.79 | 7.45 | 7.47 | 7.39 | --- | --- | 6.05 | 5.88 | 6.53 | 6.46 | 6.81 | MAX |
| MIN | 6.15 | 6.28 | 6.05 | 6.65 | 6.37 | --- | --- | 5.76 | 5.55 | 5.77 | 5.98 | 6.15 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 7.47 LE AVR 30
MINIMUM QUOTIDIEN, 5.55 LE SEP 28
MAXIMUM INSTANTANE, 7.67 LE 20 MAR A 15:15 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 30 14 N
LONG 073 31 16 W
DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15507 SAINT-LAMBERT (AVAL)

## SAINT-LOUIS (LAC) A POINTE-CLAIRE - STATION NO. 02OA039

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21.25 | 21.19 | 21.46 | 21.42 | 21.80 | 21.52 | 21.34 | 21.10 | 21.05 | 20.98 | --- | --- | 1 |
| 2 | 21.25 | 21.23 | 21.24 | --- | 21.80 | 21.47 | 21.33 | 21.11 | 21.06 | 20.94 | --- | --- | 2 |
| 3 | 21.25 | 21.48 | 21.19 | --- | 21.73 | 21.48 | 21.34 | 21.09 | 21.02 | 20.95 | --- | --- | 3 |
| 4 | 21.09 | 21.60 | 21.17 | --- | 21.68 | 21.47 | 21.36 | 21.09 | 21.01 | 20.94 | --- | 21.40 | 4 |
| 5 | 21.02 | 21.67 | 21.25 | --- | 21.68 | 21.44 | 21.34 | 21.09 | 21.04 | 21.05 | --- | 21.57 | 5 |
| 6 | 20.98 | 21.51 | 21.21 | --- | 21.67 | 21.42 | 21.35 | 21.08 | 21.03 | 20.99 | --- | 21.53 | 6 |
| 7 | 21.02 | 21.27 | 21.13 | --- | 21.62 | 21.49 | 21.35 | 21.16 | 21.05 | 20.92 | --- | 21.42 | 7 |
| 8 | 21.12 | 21.12 | 21.17 | --- | 21.57 | 21.47 | 21.31 | 21.15 | 21.02 | 20.91 | --- | 21.44 | 8 |
| 9 | 21.08 | 21.06 | 21.07 | --- | 21.52 | 21.40 | 21.30 | 21.04 | 21.01 | 20.99 | --- | 21.51 | 9 |
| 10 | 21.09 | 21.22 | 21.07 | --- | 21.44 | 21.37 | 21.27 | 21.07 | 20.97 | 21.07 | --- | 21.51 | 10 |
| 11 | 21.09 | 21.43 | 21.05 | --- | 21.46 | 21.41 | 21.25 | 21.06 | 20.97 | 21.03 | --- | 21.47 | 11 |
| 12 | 21.08 | 21.45 | 21.08 | --- | 21.43 | 21.45 | 21.24 | 21.02 | 20.95 | 21.16 | --- | 21.48 | 12 |
| 13 | 20.99 | 21.32 | 21.14 | --- | 21.37 | 21.42 | 21.25 | 21.02 | 20.96 | 21.17 | --- | 21.40 | 13 |
| 14 | 20.98 | 21.22 | 21.26 | --- | 21.34 | 21.38 | 21.23 | 21.11 | 20.99 | 21.19 | --- | 21.46 | 14 |
| 15 | 21.24 | 21.38 | 21.33 | --- | 21.39 | 21.39 | 21.28 | 21.12 | 21.00 | 21.18 | --- | 21.36 | 15 |
| 16 | 21.46 | 21.49 | 21.41 | --- | 21.42 | 21.36 | 21.29 | 21.06 | 20.94 | 21.18 | --- | 21.34 | 16 |
| 17 | 21.46 | 21.45 | 21.60 | --- | 21.37 | 21.32 | 21.25 | 21.14 | 20.89 | 21.17 | --- | 21.31 | 17 |
| 18 | 21.26 | 21.55 | 21.97 | --- | 21.40 | 21.37 | 21.23 | 21.10 | 20.87 | 21.12 | --- | 21.16 | 18 |
| 19 | 21.25 | 21.46 | 21.83 | --- | 21.47 | 21.40 | 21.22 | 21.13 | 20.98 | 21.19 | --- | 21.12 | 19 |
| 20 | 21.39 | 21.24 | 21.66 | --- | 21.51 | 21.32 | 21.25 | 21.11 | 20.95 | 21.20 | --- | 21.21 | 20 |
| 21 | 21.28 | 21.35 | 21.70 | --- | 21.57 | 21.38 | 21.25 | 21.04 | 20.94 | 21.21 | --- | 21.19 | 21 |
| 22 | 21.43 | 21.20 | 21.70 | --- | 21.69 | 21.39 | 21.20 | 21.07 | 21.00 | 21.25 | --- | 21.20 | 22 |
| 23 | 21.26 | 21.15 | 21.67 | --- | 21.68 | 21.33 | 21.20 | 21.11 | 20.96 | 21.25 | --- | 21.15 | 23 |
| 24 | 21.26 | 21.28 | 21.66 | --- | 21.68 | 21.34 | 21.20 | 21.08 | 20.90 | 21.26 | --- | 21.36 | 24 |
| 25 | 21.24 | 21.41 | 21.69 | --- | 21.68 | 21.34 | 21.25 | 21.07 | 20.86 | 21.34 | --- | 21.36 | 25 |
| 26 | 21.21 | 21.49 | 21.67 | --- | 21.67 | 21.33 | 21.22 | 21.08 | 20.88 | 21.33 | --- | 21.23 | 26 |
| 27 | 21.28 | 21.51 | 21.64 | --- | 21.65 | 21.34 | 21.17 | 21.05 | 20.87 | 21.41 | --- | 21.18 | 27 |
| 28 | 21.26 | 21.51 | 21.61 | --- | 21.58 | 21.33 | 21.15 | 21.00 | 20.90 | 21.35 | --- | 21.12 | 28 |
| 29 | 21.27 | | 21.52 | --- | 21.51 | 21.31 | 21.16 | 21.06 | 20.95 | 21.36 | --- | 21.14 | 29 |
| 30 | 21.25 | | 21.50 | --- | 21.57 | 21.30 | 21.15 | 21.09 | 20.98 | 21.35 | --- | 21.12 | 30 |
| 31 | 21.21 | | 21.45 | | 21.56 | | 21.13 | 21.01 | | 21.34 | | 21.50 | 31 |
| MOY | 21.20 | 21.37 | 21.42 | --- | 21.56 | 21.39 | 21.26 | 21.08 | 20.97 | 21.15 | --- | --- | MOY |
| MAX | 21.46 | 21.67 | 21.97 | --- | 21.80 | 21.52 | 21.36 | 21.18 | 21.06 | 21.41 | --- | --- | MAX |
| MIN | 20.98 | 21.06 | 21.05 | --- | 21.34 | 21.30 | 21.13 | 21.00 | 20.86 | 20.91 | --- | --- | MIN |

SOMMAIRE POUR L'ANNEE 1990

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 45 25 43 N
LONG 073 49 18 W
DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15330 POINTE-CLAIRE

## SAINT-PIERRE (LAC) AU CURB NO. 2 - STATION NO. 02OC016

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.55 | 4.94 | 4.64 | --- | 5.89 | 4.71 | --- | 3.97 | 3.79 | 3.89 | 4.41 | 4.76 | 1 |
| 2 | 4.54 | 4.84 | 4.55 | --- | 5.85 | 4.57 | --- | 3.92 | 3.79 | 4.00 | 4.45 | 4.83 | 2 |
| 3 | 4.40 | 4.69 | 4.52 | --- | 5.75 | 4.48 | --- | 3.89 | 3.85 | 4.06 | 4.56 | 4.96 | 3 |
| 4 | 4.45 | 4.70 | 4.52 | --- | 5.59 | 4.43 | 4.25 | 3.88 | 3.90 | 4.10 | 4.63 | 5.23 | 4 |
| 5 | 4.51 | 4.76 | --- | --- | 5.45 | 4.41 | 4.27 | 3.90 | 3.90 | 4.16 | 4.67 | 5.25 | 5 |
| 6 | 4.49 | 4.73 | --- | 5.68 | 5.36 | 4.40 | 4.28 | 3.95 | 3.97 | 4.26 | 4.78 | 5.14 | 6 |
| 7 | 4.46 | 4.70 | --- | 5.62 | 5.30 | 4.43 | 4.30 | 4.04 | 4.01 | 4.30 | 4.91 | 5.05 | 7 |
| 8 | 4.43 | 4.65 | --- | 5.48 | 5.20 | 4.47 | 4.29 | 4.12 | 4.06 | 4.28 | 4.85 | 4.94 | 8 |
| 9 | 4.54 | 4.65 | --- | 5.32 | 5.09 | 4.49 | 4.26 | 4.15 | 4.02 | 4.28 | 4.70 | 4.86 | 9 |
| 10 | 4.65 | 4.70 | --- | 5.25 | 5.06 | 4.54 | 4.25 | 4.13 | 3.97 | 4.36 | 4.60 | 4.77 | 10 |
| 11 | 4.79 | 4.79 | --- | 5.33 | 4.98 | 4.58 | 4.23 | 4.13 | 3.92 | 4.43 | 4.55 | 4.68 | 11 |
| 12 | 4.89 | 4.82 | --- | 5.38 | 4.87 | 4.56 | 4.21 | 4.13 | 3.87 | 4.41 | 4.50 | 4.56 | 12 |
| 13 | 4.93 | 4.86 | --- | 5.33 | 4.80 | 4.51 | 4.20 | 4.11 | 3.81 | 4.48 | 4.43 | 4.55 | 13 |
| 14 | 4.73 | 4.82 | --- | 5.25 | 4.75 | 4.44 | 4.15 | 4.16 | 3.80 | 4.58 | 4.42 | 4.57 | 14 |
| 15 | 4.55 | 4.69 | --- | 5.21 | 4.68 | 4.36 | 4.12 | 4.26 | 3.80 | --- | 4.34 | 4.50 | 15 |
| 16 | 4.53 | 4.69 | --- | 5.17 | 4.64 | 4.31 | 4.13 | 4.24 • | 3.78 | --- | 4.34 | 4.59 | 16 |
| 17 | 4.53 | 4.72 | --- | 5.12 | 4.71 | 4.26 | 4.10 | 4.20 • | 3.78 | --- | 4.51 | 4.68 | 17 |
| 18 | 4.63 | 4.58 | --- | 5.05 | 4.76 | 4.27 | 4.08 | 4.17 | 3.79 | 4.48 | 4.71 | 4.58 | 18 |
| 19 | 4.98 | 4.44 | --- | 4.94 | 4.78 | 4.51 | 4.05 | 4.20 | 3.84 | 4.51 | 4.76 | 4.56 | 19 |
| 20 | 4.70 | 4.37 | --- | 4.84 | 4.89 | 4.71 | 4.07 | 4.23 | 3.91 | 4.56 | 4.72 | 4.49 | 20 |
| 21 | 4.76 | 4.24 | --- | 4.83 | 5.03 | 4.71 | 4.15 | 4.23 | 3.96 | 4.53 | 4.65 | 4.45 | 21 |
| 22 | 4.87 | 4.20 | --- | 4.93 | 5.12 | 4.71 | 4.23 | 4.18 | 3.96 | 4.58 | 4.61 | 4.46 | 22 |
| 23 | 4.95 | 4.26 | --- | 5.08 | 5.22 | 4.79 | 4.35 | 4.16 | 3.98 | 4.59 | 4.59 | 4.67 | 23 |
| 24 | 4.94 | 4.41 | --- | 5.20 | 5.30 | 4.83 | 4.48 | 4.14 | 3.94 | 4.69 | 4.58 | 4.90 | 24 |
| 25 | 4.97 | 4.59 | --- | 5.30 | 5.32 | 4.79 | 4.52 | 4.11 | 3.81 | 4.79 | 4.52 | 5.08 | 25 |
| 26 | 4.99 | 4.74 | --- | 5.39 | 5.28 | 4.68 | 4.47 | 4.05 | 3.76 | 4.76 | 4.46 | 4.96 | 26 |
| 27 | 4.96 | 4.72 | --- | 5.49 | 5.22 | 4.58 | 4.38 | 3.98 | 3.71 | 4.69 | 4.44 | 4.80 | 27 |
| 28 | 4.95 | 4.69 | --- | 5.66 | 5.15 | 4.51 | 4.30 | 3.92 | 3.63 | 4.61 | 4.50 | 4.68 | 28 |
| 29 | 4.95 | | --- | 5.65 | 5.03 | 4.41 | 4.18 | 3.88 | 3.61 | 4.52 | 4.58 | 4.60 | 29 |
| 30 | 5.02 | | --- | 5.88 | 4.94 | 4.32 | 4.08 | 3.89 | 3.76 | 4.49 | 4.68 | 4.75 | 30 |
| 31 | 5.07 | | --- | | 4.86 | | 4.01 | 3.83 | | 4.43 | | 5.01 | 31 |
| MOY | 4.72 | 4.64 | --- | --- | 5.13 | 4.53 | --- | 4.07 | 3.86 | --- | 4.58 | 4.77 | MOY |
| MAX | 5.07 | 4.94 | --- | --- | 5.89 | 4.83 | --- | 4.26 | 4.06 | --- | 4.91 | 5.25 | MAX |
| MIN | 4.40 | 4.20 | --- | --- | 4.64 | 4.26 | --- | 3.83 | 3.61 | --- | 4.34 | 4.45 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MAXIMUM QUOTIDIEN, 5.89 LE MAI 01
MINIMUM QUOTIDIEN, 3.61 LE SEP 29
MAXIMUM INSTANTANE, 6.03 LE 01 MAI A 01:59 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 46 11 40 N
LONG 072 53 46 W
DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

A - JAUGE MANUELLE
E - ESTIMATIVE

PLAN DE REFERENCE : INTERNATIONAL DES GRANDS LACS (1955)

REMAQUES - DONNEES PUBLIEES COMME RECUES. PUBLIEES MENSUELLEMENT PAR SCIENCES ET LEVES OCEANIQUES - 15975 LAC SAINT-PIERRE

## SIMARD (LAC) A LAFORCE - STATION NO. 02JB012

NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.412 | 2.782 | 2.094 | 1.947 | 3.150 | 4.226 | 4.360 | 4.188 | 4.193 | 4.261 | 4.343 | 4.508 | 1 |
| 2 | 3.387 | 2.762 | 2.066 | 1.940 | 3.257 | 4.215 | 4.365 | 4.192 | 4.171 | 4.281 | 4.322 | 4.514 | 2 |
| 3 | 3.368 | 2.745 | 2.038 | 1.914 | 3.345 | 4.225 | 4.367 | 4.194 | 4.143 | 4.262 | 4.312 | 4.506 | 3 |
| 4 | 3.349 | 2.720 | 2.008 | 1.891 | 3.421 | 4.220 | 4.382 | 4.192 | 4.127 | 4.264 | 4.307 | 4.516A | 4 |
| 5 | 3.331 | 2.697 | 1.980 | 1.884 | 3.476 | 4.196 | 4.393 | 4.207 | 4.110 | 4.268 | 4.271 | 4.480E | 5 |
| 6 | 3.315 | 2.669 | 1.947 | 1.871 | 3.521 | 4.193 | 4.398 | 4.194 | 4.090 | 4.243 | 4.278 | 4.465E | 6 |
| 7 | 3.300 | 2.643 | 1.919 | 1.862E | 3.558 | 4.206 | 4.402 | 4.206 | 4.072 | 4.229 | 4.261 | 4.450E | 7 |
| 8 | 3.281 | 2.620 | 1.890 | 1.855E | 3.588 | 4.207 | 4.398 | 4.218 | 4.045 | 4.210 | 4.268 | 4.425E | 8 |
| 9 | 3.261 | 2.593 | 1.862 | 1.840E | 3.640 | 4.217 | 4.408 | 4.217 | 4.026 | 4.186 | 4.271 | 4.405E | 9 |
| 10 | 3.244 | 2.575 | 1.835 | 1.820E | 3.680 | 4.240A | 4.408 | 4.216 | 4.011 | 4.161 | 4.294 | 4.390A | 10 |
| 11 | 3.234 | 2.555 | 1.816 | 1.810E | 3.751 | 4.243E | 4.396 | 4.215 | 3.991 | 4.180 | 4.303 | 4.350E | 11 |
| 12 | 3.220 | 2.540 | 1.802 | 1.800E | 3.795 | 4.238E | 4.387 | 4.216 | 3.974 | 4.167 | 4.322 | 4.320A | 12 |
| 13 | 3.193 | 2.536 | 1.791 | 1.790E | 3.815 | 4.231A | 4.375 | 4.219 | 3.951 | 4.162 | 4.323 | 4.300E | 13 |
| 14 | 3.173 | 2.517 | 1.784 | 1.785E | 3.836 | 4.233 | 4.362 | 4.222 | 3.955 | 4.147 | 4.310 | 4.275E | 14 |
| 15 | 3.145A | 2.487 | 1.781 | 1.780E | 3.848 | 4.228 | 4.346 | 4.220 | 3.986 | 4.154 | 4.310 | 4.260E | 15 |
| 16 | 3.135E | 2.458 | 1.784 | 1.775E | 3.873 | 4.224 | 4.341 | 4.215 | 3.981 | 4.149 | 4.308 | 4.250E | 16 |
| 17 | 3.125E | 2.434 | 1.792 | 1.770E | 3.914 | 4.218 | 4.330 | 4.219 | 3.974 | 4.143 | 4.300 | 4.230A | 17 |
| 18 | 3.110A | 2.406 | 1.813 | 1.760E | 4.011 | 4.230 | 4.333 | 4.233 | 3.972 | 4.177 | 4.282 | 4.230 | 18 |
| 19 | 3.086 | 2.383 | 1.834 | 1.740E | 4.069 | 4.225 | 4.320 | 4.234 | 3.981 | 4.247 | 4.279 | 4.219 | 19 |
| 20 | 3.068 | 2.357 | 1.853 | 1.750E | 4.101 | 4.212 | 4.301 | 4.243 | 3.997 | 4.243 | 4.296 | 4.202 | 20 |
| 21 | 3.044 | 2.327 | 1.871 | 1.760E | 4.127 | 4.215 | 4.282 | 4.248 | 3.997 | 4.272 | 4.300 | 4.186 | 21 |
| 22 | 3.023 | 2.299 | 1.896 | 1.790E | 4.139 | 4.225 | 4.267 | 4.248 | 4.032 | 4.306 | 4.316 | 4.177 | 22 |
| 23 | 3.002 | 2.272 | 1.915 | 1.815 | 4.149 | 4.237 | 4.244 | 4.253 | 4.075 | 4.328 | 4.327 | 4.170 | 23 |
| 24 | 2.979 | 2.240 | 1.939 | 1.924 | 4.167 | 4.269 | 4.220 | 4.252 | 4.105 | 4.350 | 4.342 | 4.158 | 24 |
| 25 | 2.961 | 2.208 | 1.949 | 2.085 | 4.180 | 4.281 | 4.209 | 4.241 | 4.126 | 4.366 | 4.356 | 4.148 | 25 |
| 26 | 2.943 | 2.175 | 1.959 | 2.259 | 4.191 | 4.294 | 4.200 | 4.221 | 4.154 | 4.353 | 4.358 | 4.140 | 26 |
| 27 | 2.929 | 2.148 | 1.961 | 2.461 | 4.199 | 4.322 | 4.196 | 4.234 | 4.176 | 4.350 | 4.361 | 4.128 | 27 |
| 28 | 2.896 | 2.123 | 1.965 | 2.662 | 4.202 | 4.333 | 4.184 | 4.221 | 4.193 | 4.379 | 4.423 | 4.115 | 28 |
| 29 | 2.864 | | 1.961 | 2.849 | 4.195 | 4.339 | 4.175 | 4.217 | 4.208 | 4.372 | 4.477 | 4.105 | 29 |
| 30 | 2.833 | | 1.958 | 3.019 | 4.207 | 4.346 | 4.182 | 4.217 | 4.237 | 4.373 | 4.500 | 4.097 | 30 |
| 31 | 2.807 | | 1.953 | | 4.215 | | 4.185 | 4.204 | | 4.365 | | 4.081 | 31 |
| MOY | 3.130 | 2.474 | 1.904 | 1.974 | 3.859 | 4.243 | 4.313 | 4.220 | 4.068 | 4.256 | 4.324 | 4.284 | MOY |
| MAX | 3.412 | 2.782 | 2.094 | 3.019 | 4.215 | 4.346 | 4.408 | 4.253 | 4.237 | 4.379 | 4.500 | 4.516 | MAX |
| MIN | 2.807 | 2.123 | 1.781 | 1.740 | 3.150 | 4.193 | 4.175 | 4.188 | 3.951 | 4.143 | 4.261 | 4.081 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 3.596
MAXIMUM QUOTIDIEN, 4.516A LE DEC 04
MINIMUM QUOTIDIEN, 1.740E LE AVR 19

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 47 31 40 N
LONG 078 43 54 W

A - JAUGE MANUELLE
E - ESTIMATIVE
REGULARISE
BASSIN VERSANT, 23 400 km²

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 259.080 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

## TEMISCAMINGUE (LAC) A TEMISCAMING - STATION NO. 02JE025

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.084 | 3.605 | 2.204 | 2.391 | 3.939 | 5.547 | 5.706 | 5.598 | 5.540 | 5.407 | 5.508 | 5.601 | 1 |
| 2 | 5.035 | 3.546 | 2.190 | 2.401 | 4.052 | 5.524 | 5.620 | 5.603 | 5.575 | 5.473 | 5.508 | 5.645 | 2 |
| 3 | 5.007 | 3.448 | 2.165 | 2.400 | 4.196 | 5.490 | 5.616 | 5.616 | 5.534 | 5.528 | 5.527 | 5.666 | 3 |
| 4 | 4.981 | 3.359 | 2.123 | 2.381 | 4.331 | 5.532 | 5.660 | 5.609 | 5.469 | 5.602 | 5.533 | 5.702 | 4 |
| 5 | 4.950 | 3.245 | 2.091 | 2.368 | 4.410 | 5.521 | 5.690 | 5.642 | 5.509 | 5.669 | 5.523 | 5.656 | 5 |
| 6 | 4.928 | 3.193 | 2.074 | 2.348 | 4.539 | 5.532 | 5.692 | 5.666 | 5.482 | 5.725 | 5.546 | 5.637 | 6 |
| 7 | 4.861 | 3.086 | 2.049 | 2.337 | 4.615 | 5.578 | 5.681 | 5.644 | 5.524 | 5.748 | 5.504 | 5.621 | 7 |
| 8 | 4.833 | 3.000 | 2.028 | 2.311 | 4.666 | 5.588 | 5.663 | 5.611 | 5.444 | 5.755 | 5.499 | 5.631 | 8 |
| 9 | 4.801 | 2.936 | 2.006 | 2.301 | 4.742 | 5.625 | 5.696 | 5.617 | 5.399 | 5.766 | 5.466 | 5.593 | 9 |
| 10 | 4.794 | 2.852 | 1.972 | 2.300 | 4.816 | 5.679 | 5.718 | 5.656 | 5.420 | 5.768 | 5.500 | 5.633 | 10 |
| 11 | 4.734E | 2.784 | 1.947 | 2.294 | 4.930 | 5.673 | 5.703 | 5.676 | 5.396 | 5.769 | 5.523 | 5.601 | 11 |
| 12 | 4.699 | 2.707 | 1.926 | 2.267 | 5.000 | 5.645 | 5.710 | 5.659 | 5.381 | 5.793 | 5.529 | 5.578 | 12 |
| 13 | 4.610 | 2.653 | 1.929 | 2.237 | 5.132 | 5.648 | 5.689 | 5.648 | 5.381 | 5.797 | 5.533 | 5.602 | 13 |
| 14 | 4.542 | 2.614 | 1.926 | 2.232 | 5.212 | 5.687 | 5.668 | 5.631 | 5.365 | 5.765 | 5.493 | 5.558 | 14 |
| 15 | 4.488 | 2.564 | 1.935 | 2.239 | 5.305 | 5.724 | 5.656 | 5.646 | 5.428 | 5.756 | 5.516 | 5.554 | 15 |
| 16 | 4.458 | 2.548 | 2.006 | 2.252 | 5.310 | 5.717 | 5.625 | 5.640 | 5.388 | 5.741 | 5.571 | 5.549 | 16 |
| 17 | 4.427 | 2.521 | 2.116 | 2.290 | 5.325 | 5.693 | 5.635 | 5.639 | 5.356 | 5.757 | 5.588 | 5.500 | 17 |
| 18 | 4.400 | 2.434 | 2.245 | 2.268 | 5.404 | 5.708 | 5.637 | 5.683 | 5.302 | 5.698 | 5.580 | 5.524 | 18 |
| 19 | 4.320 | 2.411 | 2.335 | 2.247 | 5.508 | 5.755 | 5.664 | 5.676 | 5.275 | 5.678 | 5.599 | 5.519 | 19 |
| 20 | 4.267 | 2.379 | 2.390 | 2.279 | 5.556 | 5.739 | 5.688 | 5.635 | 5.289 | 5.793 | 5.609 | 5.511 | 20 |
| 21 | 4.218E | 2.349 | 2.430 | 2.367 | 5.587 | 5.761 | 5.685 | 5.615 | 5.259 | 5.708 | 5.585 | 5.526 | 21 |
| 22 | 4.154 | 2.338 | 2.448 | 2.421 | 5.606 | 5.785 | 5.663 | 5.608 | 5.246 | 5.698 | 5.591 | 5.527 | 22 |
| 23 | 4.124 | 2.347 | 2.498 | 2.525 | 5.616 | 5.815 | 5.653 | 5.596 | 5.293 | 5.663 | 5.621 | 5.544 | 23 |
| 24 | 4.082 | 2.326 | 2.487 | 2.616 | 5.604 | 5.857 | 5.657 | 5.583 | 5.257 | 5.622 | 5.661 | 5.526 | 24 |
| 25 | 4.061 | 2.296 | 2.476 | 2.774 | 5.596 | 5.846 | 5.662 | 5.572 | 5.246 | 5.594 | 5.678 | 5.509 | 25 |
| 26 | 3.995 | 2.246 | 2.498 | 2.956 | 5.607 | 5.866 | 5.643 | 5.549 | 5.268 | 5.557 | 5.669 | 5.513 | 26 |
| 27 | 3.918 | 2.254 | 2.481 | 3.172 | 5.613 | 5.928 | 5.623 | 5.586 | 5.272 | 5.509 | 5.661 | 5.490 | 27 |
| 28 | 3.877 | 2.239 | 2.485 | 3.440 | 5.624 | 5.850 | 5.591 | 5.573 | 5.326 | 5.570 | 5.663 | 5.480 | 28 |
| 29 | 3.813 | | 2.453 | 3.625 | 5.627 | 5.796 | 5.561 | 5.578 | 5.353 | 5.542 | 5.654 | 5.482 | 29 |
| 30 | 3.746 | | 2.429 | 3.785 | 5.614 | 5.755 | 5.596 | 5.568 | 5.389 | 5.525 | 5.590 | 5.505 | 30 |
| 31 | 3.687 | | 2.405 | | 5.570 | | 5.627 | 5.554 | | 5.513 | | 5.464 | 31 |
| MOY | 4.448 | 2.724 | 2.210 | 2.527 | 5.118 | 5.695 | 5.657 | 5.619 | 5.379 | 5.671 | 5.568 | 5.563 | MOY |
| MAX | 5.084 | 3.605 | 2.498 | 3.785 | 5.627 | 5.928 | 5.718 | 5.683 | 5.575 | 5.878 | 5.676 | 5.702 | MAX |
| MIN | 3.687 | 2.239 | 1.926 | 2.232 | 3.939 | 5.490 | 5.561 | 5.549 | 5.246 | 5.407 | 5.466 | 5.464 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 4.697
MAXIMUM QUOTIDIEN, 5.928 LE JUN 27
MINIMUM QUOTIDIEN, 1.926 LE MAR 12
MAXIMUM INSTANTANE,
5.930 LE 27 JUN A 07:37 HNE

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 46 42 58 N
LONG 079 06 16 W

A - JAUGE MANUELLE
E - ESTIMATIVE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 173.700 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

## TEMISCAMINGUE (LAC) A VILLE-MARIE - STATION NO. 02JE026

### NIVEAUX D'EAU QUOTIDIENS EN METRES - 1990

| DAY | JAN | FEV | MAR | AVR | MAI | JUN | JUL | AOU | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.160E | 3.760E | 2.390E | 2.580E | 4.115 | 5.660E | 5.800E | 5.664 | 5.600E | 5.411 | 5.680E | 5.805E | 1 |
| 2 | 5.140E | 3.680E | 2.370E | 2.570E | 4.225 | 5.640E | 5.750E | 5.670 | 5.585E | 5.470 | 5.670E | 5.820E | 2 |
| 3 | 5.100E | 3.600E | 2.320E | 2.560E | 4.315 | 5.610E | 5.710E | 5.682 | 5.569E | 5.554 | 5.655E | 5.835E | 3 |
| 4 | 5.090E | 3.505E | 2.275E | 2.545E | 4.422 | 5.580E | 5.720E | 5.688 | 5.555E | 5.642 | 5.650E | 5.840E | 4 |
| 5 | 5.065E | 3.440E | 2.245E | 2.540E | 4.506 | 5.580E | 5.735E | 5.693 | 5.540E | 5.727 | 5.640E | 5.845E | 5 |
| 6 | 5.010E | 3.365E | 2.220E | 2.525E | 4.574 | 5.595E | 5.756 | 5.695 | 5.540E | 5.777 | 5.630E | 5.840E | 6 |
| 7 | 4.965E | 3.260E | 2.195E | 2.505E | 4.669 | 5.627 | 5.764 | 5.691 | 5.520E | 5.801 | 5.620E | 5.830E | 7 |
| 8 | 4.935E | 3.190E | 2.175E | 2.495E | 4.735 | 5.643 | 5.770 | 5.694 | 5.500E | 5.815 | 5.610E | 5.820E | 8 |
| 9 | 4.900E | 3.140E | 2.150E | 2.480E | 4.786 | 5.668 | 5.782 | 5.702 | 5.480E | 5.827 | 5.590E | 5.805E | 9 |
| 10 | 4.850E | 3.065E | 2.120E | 2.470E | 4.850 | 5.694 | 5.794 | 5.710 | 5.450E | 5.834 | 5.585E | 5.785E | 10 |
| 11 | 4.800E | 3.000E | 2.095E | 2.450E | 4.948 | 5.711 | 5.794 | 5.715 | 5.440E | 5.851 | 5.585E | 5.770E | 11 |
| 12 | 4.755E | 2.920E | 2.070E | 2.440E | 5.053 | 5.721 | 5.791 | 5.716 | 5.430E | 5.883 | 5.585E | 5.745E | 12 |
| 13 | 4.710E | 2.860E | 2.075E | 2.435E | 5.154 | 5.730 | 5.787 | 5.713 | 5.410E | 5.896 | 5.585E | 5.720E | 13 |
| 14 | 4.670E | 2.800E | 2.085E | 2.430E | 5.247 | 5.743 | 5.782 | 5.712 | 5.400E | 5.855E | 5.590E | 5.715E | 14 |
| 15 | 4.620E | 2.750E | 2.110E | 2.420E | 5.333 | 5.757 | 5.769 | 5.711 | 5.395E | 5.840E | 5.600E | 5.700E | 15 |
| 16 | 4.580E | 2.710E | 2.160E | 2.435E | 5.380 | 5.769 | 5.752 | 5.711 | 5.380E | 5.840E | 5.610E | 5.670E | 16 |
| 17 | 4.540E | 2.690E | 2.290E | 2.455E | 5.399 | 5.768 | 5.744 | 5.713 | 5.360E | 5.850E | 5.640 | 5.660E | 17 |
| 18 | 4.500E | 2.660E | 2.410E | 2.460E | 5.460 | 5.770E | 5.749 | 5.695E | 5.350E | 5.893 | 5.646 | 5.640E | 18 |
| 19 | 4.440E | 2.600E | 2.560E | 2.455E | 5.588 | 5.780E | 5.761 | 5.690E | 5.330E | 5.951 | 5.657 | 5.620E | 19 |
| 20 | 4.390E | 2.560E | 2.595E | 2.490E | 5.669 | 5.800E | 5.765 | 5.675E | 5.310E | 5.982 | 5.670 | 5.630E | 20 |
| 21 | 4.330E | 2.550E | 2.640E | 2.560E | 5.718 | 5.830E | 5.763 | 5.665E | 5.300E | 5.930E | 5.674 | 5.640E | 21 |
| 22 | 4.280E | 2.540E | 2.675E | 2.640E | 5.765E | 5.850E | 5.758 | 5.655E | 5.300E | 5.890E | 5.678 | 5.650E | 22 |
| 23 | 4.250E | 2.510E | 2.695E | 2.760E | 5.775E | 5.875E | 5.743 | 5.650E | 5.295E | 5.850E | 5.690 | 5.645E | 23 |
| 24 | 4.210E | 2.480E | 2.710E | 2.830 | 5.775E | 5.900E | 5.738 | 5.640E | 5.300E | 5.800E | 5.707 | 5.640E | 24 |
| 25 | 4.175E | 2.455E | 2.720E | 2.933 | 5.767 | 5.930E | 5.740 | 5.630E | 5.310E | 5.750E | 5.725 | 5.630E | 25 |
| 26 | 4.140E | 2.430E | 2.695E | 3.118 | 5.758 | 5.960E | 5.738 | 5.620E | 5.325E | 5.740E | 5.735 | 5.610E | 26 |
| 27 | 4.080E | 2.415E | 2.690E | 3.320 | 5.751 | 5.990E | 5.725 | 5.620E | 5.339 | 5.720E | 5.745 | 5.605E | 27 |
| 28 | 4.040E | 2.405E | 2.680E | 3.560 | 5.750 | 5.960E | 5.711 | 5.620E | 5.344 | 5.710E | 5.765 | 5.605E | 28 |
| 29 | 3.990E | | 2.660E | 3.789 | 5.710E | 5.910E | 5.690 | 5.620E | 5.361 | 5.700E | 5.793 | 5.600E | 29 |
| 30 | 3.900E | | 2.635E | 3.971 | 5.700E | 5.850E | 5.666 | 5.620E | 5.382 | 5.700E | 5.800E | 5.585E | 30 |
| 31 | 3.845E | | 2.600E | | 5.680E | | 5.664 | 5.610E | | 5.690E | | 5.575E | 31 |
| MOY | 4.563 | 2.905 | 2.397 | 2.707 | 5.212 | 5.763 | 5.749 | 5.674 | 5.413 | 5.780 | 5.660 | 5.706 | MOY |
| MAX | 5.160 | 3.760 | 2.720 | 3.971 | 5.775 | 5.990 | 5.800 | 5.716 | 5.600 | 5.982 | 5.800 | 5.845 | MAX |
| MIN | 3.845 | 2.405 | 2.070 | 2.420 | 4.115 | 5.580 | 5.664 | 5.610 | 5.295 | 5.411 | 5.585 | 5.575 | MIN |

SOMMAIRE POUR L'ANNEE 1990

NIVEAUX EN METRES

MOYEN, 4.809
MAXIMUM QUOTIDIEN, 5.990E LE JUN 27
MINIMUM QUOTIDIEN, 2.070E LE MAR 12

TYPE DE JAUGE - ENREGISTREUSE
EMPLACEMENT - LAT 47 19 45 N
LONG 079 26 40 W

A - JAUGE MANUELLE
E - ESTIMATIVE

PLAN DE REFERENCE : ARBITRAIRE
AJOUTER 173.600 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA

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# Index de référence

# Québec

# Reference Index

## INTRODUCTION

La Direction des ressources en eau, Direction générale des eaux intérieures, et la Direction générale des eaux intérieures de la région du Québec, ministère de l'Environnement, présentent l'édition 1988 de l'*Index de référence des données sur les eaux de surface*, données recueillies jusqu'au 31 décembre 1988, par la Division des relevés hydrologiques du Canada, bureau régional du Québec.

Des cartes en couleurs, ajoutées à l'édition nationale de 1977, montrent l'emplacement des stations hydrométriques, y compris celles qui ne sont plus en opération.

On ne trouve pas dans cet *Index de référence* de tables pour les stations du ministère de l'Environnement du Québec. On peut se procurer l'*Annuaire hydrologique* et l'*Index de référence* en s'adressant au Directeur, Direction des relevés aquatiques, Québec.

## EXPLICATION DE L'*INDEX DE RÉFÉRENCE*

L'*Index de référence* est surtout constitué de tables indiquant les numéros et les noms des stations, la superficie des bassins versants, l'emplacement des jauges, les relevés de débit, le type de jauges, le mode d'utilisation et des remarques.

Les stations de chacune de ces divisions géographiques sont placées dans l'ordre de leurs positions sur le cours d'eau, d'amont en aval. Toutes les stations du cours principal sont données en premier, suivies par les stations du bassin versant installées sur le tributaire le plus en amont. Viennent ensuite les stations des autres tributaires situés plus en aval, d'après le cours d'eau principal. Les noms des tributaires du cours principal sont déplacés vers la droite et l'espace est marqué d'un point, les noms des tributaires de ces tributaires sont encore plus à la droite, et l'espace est marqué de deux points, etc. Cette méthode permet de trouver très facilement tous les cours d'eau d'un même bassin versant.

Explication des titres de la table principale:

N$^{O}$ de la station:

Chaque station de jaugeage est identifiée par un numéro formé de sept caractères ou chiffres. Le système de numérotation des stations comporte tout d'abord la division du Canada en 11 groupes de bassins versants importants. Ces divisions sont ensuite réparties en fonction de l'altitude du sol à l'intérieur de la division; on utilise une lettre à cette fin. Chaque subdivision est ensuite partagée en fonction des limites du bassin versant; on utilise alors une autre lettre, p. ex. 3BD. Les stations qui s'y trouvent sont numérotées chronologiquement en fonction de la date de leur création, mais indépendamment de l'ordre qu'elles occupent sur le cours d'eau. Ainsi, 03BD007 représente la septième station créée dans la sous-subdivision 3BD, et 11AA033 représente la trente-troisième station créée dans la sous-subdivision 11AA, ainsi de suite.

Nom:

Chaque station a un nom qui est utilisé aux fins d'identification et de publication. Les noms précédemment utilisés n'apparaissent pas dans l'Index.

## INTRODUCTION

The Water Resources Branch, Inland Waters Directorate and the Quebec region Inland Waters Directorate, of the Department of the Environment herein presents the 1988 edition of the Reference Index of Surface Water Data collected to December 31, 1988 by the Water Survey of Canada, Quebec Region.

A Hydrometric Map Supplement was issued with the 1987 national editions. These coloured maps show the locations of both active and discontinued gauging stations.

This Reference Index does not include a tabulation of stations operated by the *ministère de l'Environnement du Québec*. The user who wishes a copy of their *Annuaire hydrologique* and *Index de référence* publications or any detailed information should apply to the Director, *Direction des relevés aquatiques du Québec*.

## EXPLANATION OF REFERENCE INDEX

The main body of this index is a tabulation of stations showing station number and name, drainage area, gauge location, discharge records, type of gauge, operation schedule, and remarks.

Within each such geographic subdivision, the stations are listed in stream order beginning with the most upstream station and extending to the most downstream station. All stations on the main stem are listed first; these are followed by stations in the drainage basin of the most upstream tributary. Stations in the drainage basin of the next downstream tributary are then listed; this is continued until all tributaries have been covered. The names of tributaries of the main stem are indented and the indention indicated by one period; tributaries to these tributaries are further indented using two periods, etc. This system enables rivers of the same drainage basin to be selected at a glance.

Explanations for each heading in the main tabulation are given as follows:

Station No. (N$^{O}$ de la station):

Each gauging station has been assigned a unique seven-character identification. The station numbering system begins with the division of Canada into eleven major groups of river basins. These divisions are subdivided following heights of land within the division with a letter assigned to each subdivision. Each subdivision is further divided on drainage basin boundaries and assigned a second letter, e.g. 3BD. Stations in this sub-subdivision are then assigned further numbers in chronological order of their establishment, independent of their stream order. Thus, using the seven-character identification system, 03BD007 is the seventh station established in sub-subdivision 3BD; 11AA033 is the thirty-third station established in sub-subdivision 11AA, and so on.

Name (Nom):

Each station has been given a name which is used for identification and publication purposes. Former names which were used are not shown in this Index.

**Superficie du bassin versant:**

On donne la dernière surface de drainage disponible, en kilomètres carrés. Dans la majorité des cas, elle représente la superficie de drainage située en amont de la jauge. La jauge est normalement adjacente au tronçon de mesure des débits, et la même superficie de drainage peut être utilisée pour les deux. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

**Emplacement de la jauge:**

On utilise les coordonnées de longitude et de latitude. Il est possible d'obtenir une description plus détaillée de l'emplacement en s'adressant au bureau du district dont dépend la station.

**Données disponibles:**

Les relevés indiquent les années pour lesquelles des données de débits sont disponibles, p. ex. 55–66 signifie qu'on a obtenu les relevés pendant la période allant de 1955 à 1966. Quand, pour certaines années, les mesures de débits sont très diverses, on le montre par le signe #. Et quand il n'y a que des données de hauteurs (ou de niveaux) de l'eau, on le dénote par un astérisque *.

Les relevés des débits sont présentés dans trois colonnes, chacune ayant un espace de prévu pour trois périodes. On peut ainsi insérer jusqu'à neuf périodes. Pour chaque période, on fournit les années où des données de débits sont disponibles, suivies par des symboles désignant le type de jauge et d'exploitation, p. ex. 55–66 RC.

*Type de jauge*:

On indique si la jauge utilisée était enregistreuse (R) ou manuelle (M), ou si on a obtenu les relevés d'une centrale hydro-électrique (P).

Les jauges enregistreuses fournissent un relevé continu du niveau de l'eau sous forme de graphique à partir duquel les débits sont calculés.

Les relevés de niveaux sont aussi faits par un technicien utilisant une jauge manuelle, une échelle limnimétrique par exemple. Pour ces stations, on suppose que le ou les relevés faits chaque jour, ou un graphique obtenu à partir de ceux-ci, représentent le niveau moyen de l'eau pour cette journée.

Si le type de jauge est changé pendant la période de relevé, on indique alors plus d'une période dans cette colonne, et chaque période est accompagnée du symbole approprié, «R», «M» ou «P».

*Exploitation*:

Si on dispose de relevés faits de façon continue, on accole le symbole «C» à la période correspondante décrite dans cette colonne. On utilise le symbole «S» si on a fait les relevés de façon saisonnière ou seulement pendant une partie de l'année. Il est possible d'obtenir la période exacte des débits saisonniers en consultant les *Données sur les eaux de surface* ou le *Sommaire chronologique de l'écoulement*. Si les données ne sont recueillies régulièrement qu'une fois par mois ou à des époques déterminées de l'année, le symbole «M» est employé.

**Drainage Area (Superficie du bassin versant):**

The latest available drainage area in square kilometres is given. In most cases this is the drainage area upstream from the gauge location. Usually the gauge location is adjacent to the discharge measurement section and the same drainage area may be used for both. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

**Gauge Location (Emplacement de la jauge):**

The location of the gauge is given in terms of the co-ordinates of latitude and longitude. A more detailed description of the location is available from the Office responsible for the operation of the station.

**Discharge Records (Données disponibles):**

This gives the years for which discharge data are available, e.g. 55–66 indicates that discharge records were obtained during the period 1955 to 1966. If only miscellaneous discharge measurements were obtained for some years, this is indicated by the sign #. If only stage (or water level) data are available, this is identified by an asterisk *.

The discharge records are listed in the three rows, with space available for three periods in each row. A total of nine periods can be shown. For each period, the years for which discharge data are available are followed by symbols for the Type of Gauge, and the Operation, e.g. 55–66 RC.

*Type of Gauge* (Type de jauge):

This indicates whether the records were obtained using a recording (R) or manual (M) gauge or whether records were obtained from a power plant rating (P).

The recording gauge gives a continuous record of water level on a graphical chart from which discharge records are computed.

Water level records are also obtained by an observer from a manual or non-recording gauge such as a staff gauge. For these stations, the one or more readings per day (or a graph through these readings) are assumed to represent the mean water level for that day.

If the type of gauge has changed during the period of record, more than one period will appear in the "Discharge Records" column with the appropriate "R", "M" or "P" annotation alongside.

*Operation* (Exploitation):

If continuous records are available, the symbol "C" will appear opposite the appropriate period shown in the "Discharge Records" column. If records have been collected on a seasonal or part-year basis, the symbol "S" is used. The exact period during the year for which seasonal discharge records are available may be found by examining the Surface Water Data or Historical Streamflow Summary publication. If records have been collected only once a month or several times a year, but on a regular basis, the symbol "M" will be shown.

Remarques:

On indique si des conditions spéciales prévalaient à la station ou si des données spécialisées sont disponibles. Il existe douze remarques; neuf d'entre elles sont codées sous forme de chiffres et trois sous forme d'abréviations.

1. *Données non publiées* – données hydrométriques qui ne seront publiées ni dans les *Données sur les eaux de surface* ni dans le *Sommaire chronologique de l'écoulement (des niveaux d'eau)*. On peut cependant les obtenir en s'adressant à l'ingénieur régional concerné.

2. *Station internationales de jaugeage (au Canada)* – stations situées au Canada.

3. *Stations internationales de jaugeage (aux É.-U.)* – stations situées aux États-Unis.

4. *Contenus du réservoir disponibles* – il est possible d'obtenir les contenus du réservoir en s'adressant à l'ingénieur régional.

5. *Données disponibles sur la qualité de l'eau* – des échantillons d'eau ont été prélevés par la Division des relevés hydrologiques du Canada pour analyse subséquente par la Direction de la qualité des eaux, Direction générale des eaux intérieures, ministère de l'Environnement, Ottawa.

6. *Données sur les sédiments disponibles* – des données sur les sédiments ont été recueillies. On peut les obtenir en s'adressant au Directeur de la Direction des ressources en eau.

7. *Données provenant de satellite* – il est possible d'obtenir les données hydrologiques habituelles par la retransmission de satellite, an ayant recours soit au LANDSAT (satellite études terrestres), soit au GOES (satellite géostationnaire opérationnel de l'environnement).

8. *Limniphone* – il est possible d'obtenir les données hydrologiques habituelles par l'entremise d'un limniphone.

9. *Données sur la température de l'eau disponibles en continu* – les températures de l'eau ont été enregistrées sur graphique par une jauge enregistreuse. Il est possible de les obtenir en s'adressant à l'ingénieur régional.

*Débit naturel* ou *régularisé depuis 19..* – l'abréviation «NAT» dénote que le débit est naturel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependant, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue), p. ex. REG 37.

*Corrections apportées aux données jusqu'en 19..* – on a révisé les données d'une station. La date indique l'année où on a terminé la révision, p. ex. REV 60.

Remarks (Remarques):

This column is used to indicate that special conditions exist at the station, or that specialized data are available. Twelve standard remarks are indicated where applicable. Nine of these remarks are coded by numbers, the other three by abbreviations.

1. *Data not Published* – this refers to hydrometric data which will not be published in either the annual Surface Water Data or the Historical Streamflow (Water Level) Summary publications. These data are available from the Regional Engineer upon request.

2. *International Gauging Station (in Canada)* – this refers to stations located in Canada.

3. *International Gauging Station (in U.S.A.)* – this refers to stations located in the U.S.A.

4. *Reservoir Contents Available* – this indicates that reservoir contents are available from the Regional Engineer upon request.

5. *Water Quality Data Available* – this indicates that water samples have been obtained by the Water Survey of Canada, for analysis by the Water Quality Branch, Inland Waters Directorate, Department of the Environment, Ottawa.

6. *Sediment Data Available* – this indicates that sediment data have been gathered and are available upon application to the Director, Water Resources Branch.

7. *Satellite Data Collection Platform Installed* – this indicates that current hydrologic data are available by means of satellite retransmission, using either LANDSAT mode (Land satellite) or GOES mode (Geostationary Operational Satellite).

8. *Telemetering Device Installed* – this indicates that current hydrologic data are available by means of a telemetering device.

9. *Continuous Water Temperature Data Available* – this indicates that water temperatures were obtained graphically from a recording gauge. These data are available from the Regional Engineer.

*Natural Flow* or *Regulated Since 19..* – where the flow is known to be natural, this is indicated by "NAT". The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known, e.g. REG 37.

*Data to 19.. have been Reviewed* – where the data for a station have been reviewed, this is indicated along with the year to which the review has been completed, e.g. REV 60.

*Données fournies par . . .* – un organisme extérieur a fourni toutes les données d'une station. Chacun des organismes reçoit un numéro de code, p. ex. DC745. La liste des noms et des codes des organismes ayant apporté leur collaboration suit:

*Données disponibles à . . .* – un organisme extérieur a compilé toutes les données d'une station mais ne les a pas fournies parce qu'elles ne sont pas conformes aux normes nationales de la Direction des ressources en eau. Les données sont disponibles sur demande auprès de l'organisme compilateur. Chacun des organismes reçoit un numéro de code, p. ex. AF750. Voici la liste des noms des codes des organismes ayant apporté leur collaboration:

| Code | Nom |
|---|---|
| 705 | Administration de la Voie maritime du Saint-Laurent |
| 730 | Compagnie Dominion Textiles Limitée |
| 740 | Ministère de l'Environnement du Québec |
| 745 | Ministère des Transports (Canada) |
| 750 | Ministère des Travaux publics (Canada) |
| 753 | Sciences et levés océaniques (MPO) (Canada) |

*Data Contributed by . . .* – where the data for a station have been supplied in their entirety by an outside agency, a code for the name of this co-operating agency is given, e.g. DC745. The codes and a list of the contributing agencies follows:

*Data available from . . .* – where the data for a station have been collected by an outside agency, but are not supplied because they do not comply with Water Resource Branch National Standards, the data are available from the collecting agency upon request. The code for the name of the co-operating agency is given, e.g. AF750. The codes and a list of the co-operating agencies follows:

| Code | Name |
|---|---|
| 705 | St. Lawrence Seaway Authority |
| 730 | Dominion Textiles Company Limited |
| 740 | *Ministère de l'Environnement du Québec* |
| 745 | Ministry of Transport (Canada) |
| 750 | Department of Public Works (Canada) |
| 753 | Ocean Science and Surveys (DFO) (Canada) |

| NO DE LA STATION | | BASSIN VERSANT (km²) | EMPLACEMENT | DONNEES DISPONIBLES (*-NIVEAUX EXCL. #-RELEVES DIV.) TYPE DE JAUGE , EXPLOITATION | | | | REMARQUES |
|---|---|---|---|---|---|---|---|---|
| 02MC016 | SAINT-LAURENT (FLEUVE) A COTEAU-LANDING | | 45 15 11<br>074 12 41 | 50-99*MC | 00-19*MC | 20-91*RC | | REG |
| 02MC017 | SAINT-LAURENT (FLEUVE) A COTEAU-DU-LAC | | 45 17 47<br>074 10 00 | 20-91*RC | | | | REG |
| 02MC003 | SAINT-LAURENT (FLEUVE) AUX RAPIDES DES CEDRES | | 45 18 30<br>074 04 10 | 33-66*MC | | | 1 | REG |
| 02MC019 | SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A BEAUHARNOIS | | 45 17 59<br>073 55 50 | 59-91*RC | | | 8 | REG |
| 02MC020 | SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A BEAUHARNOIS | | 45 19 13<br>073 54 58 | 59-91*RC | | | 8 | REG |
| 02MC005 | SAINT-LAURENT (FLEUVE) A POINTE-DES-CASCADES | | 45 20 08<br>073 57 17 | 53-99*MS | 00-18*MS | 19-91*RC | | REG |
| 02OA039 | SAINT-LOUIS (LAC) A POINTE-CLAIRE | | 45 25 43<br>073 49 18 | 15-91*RC | | | 8 | REG |
| 02OA040 | SAINT-LAURENT (FLEUVE) A LACHINE | | 45 25 52<br>073 40 16 | 00-18*MC | 19-91*RC | | | REG |
| 02OA017 | SAINT-LAURENT (FLEUVE) AU PONT MERCIER | | 45 25 13<br>073 39 07 | 54-91*RC | | | | REG |
| 02OA016 | SAINT-LAURENT (FLEUVE) A LASALLE | | 45 24 54<br>073 37 25 | 80-99*MC<br>50-56 RC | 00-31*MC<br>57-58 MC | 32-49*RC<br>59-91 RC | 8 6 | REG |
| 02OA043 | SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A COTE-SAINTE-CATHERINE | | 45 24 30<br>073 34 29 | 59-91*RC | | | | REG |
| 02OA041 | SAINT-LAURENT (FLEUVE) A LA PRAIRIE | | 45 27 52<br>073 31 12 | 66-91*RC | | | | REG |
| 02OA044 | SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A SAINT-LAMBERT | | 45 29 16<br>073 30 32 | 59*RS | 60-91*RC | | 8 | REG |
| 02OA045 | SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A SAINT-LAMBERT | | 45 30 14<br>073 31 16 | 59*RS | 60-91*RC | | 8 | REG |
| 02OA046 | SAINT-LAURENT (FLEUVE) A MONTREAL (JETEE NO. 1) | | 45 30 17<br>073 33 05 | 56-99*MC<br>25-91*RC | 00-12*MC | 13-24*RS | 8 | REG |
| 02OA047 | SAINT-LAURENT (FLEUVE) AU QUAI DE LA RUE FRONTENAC (MONTREAL) | | 45 31 43<br>073 32 34 | 35-50*RS | 55-91*RC | | | REG |
| 02OA049 | SAINT-LAURENT (FLEUVE) A POINTE-AUX-TREMBLES | | 45 37 56<br>073 29 28 | 34-36*RS | 60-91*RC | | 8 | REG |
| 02OA050 | SAINT-LAURENT (FLEUVE) A VARENNES | | 45 41 05<br>073 26 38 | 13-91*RC | | | | REG |
| 02OJ020 | SAINT-LAURENT (FLEUVE) A VERCHERES | | 45 46 44<br>073 21 27 | 97-99*MS<br>58-61*RC | 00-01*MS<br>62*MC | 13-57*RS<br>63-91*RC | | REG |
| 02OJ021 | SAINT-LAURENT (FLEUVE) A CONTRECOEUR | | 45 51 29<br>073 14 25 | 34-36*RS | 61-91*RC | | | REG |
| 02OB010 | SAINT-LAURENT (FLEUVE) A LAVALTRIE | | 45 53 00<br>073 16 25 | 97-99*MC | 00-01*MC | 60-91*RC | | REG |
| 02OJ017 | SAINT-LAURENT (FLEUVE) AUX GREVES (LES) | | 45 58 31<br>073 11 06 | 74-75 M# | 78 M# | 79 R# | 1 | REG |
| 02OJ022 | SAINT-LAURENT (FLEUVE) A SOREL | | 46 02 49<br>073 06 58 | 12-91*RC | | | 8 | REG |
| 02OC016 | SAINT-PIERRE (LAC) AU CURB NO. 2 | | 46 11 40<br>072 53 46 | 72-91*RC | | | | |
| 02PD003 | SAINT-LAURENT (FLEUVE) A LA VILLE DE QUEBEC | | 46 48 24<br>071 12 11 | 73-79*RC | 88-91*RC | | 1 6 | REG |
| | SAINT-LAURENT (FLEUVE): | | | | | | | |
| 02JB012 | . SIMARD (LAC) A LAFORCE | 23 400 | 47 31 40<br>078 43 54 | 55-90*RC | | | | REG |

M - JAUGE MANUELLE
R - ENREGISTREUSE LIMNIGRAPHE

C - EXPLOITATION CONTINUELLE
S - EXPLOITATION SAISONNIERE

1 - DONNEES NON PUBLIEES

6 - DONNEES SUR LES SEDIMENTS

8 - LIMNIPHONE

REG - DEBIT REGULARISE DUPUIS 19 - (ANNEE INDIQUEE SI CONNUE)

| NO DE LA STATION | | BASSIN VERSANT (km²) | EMPLACEMENT | DONNEES DISPONIBLES (*-NIVEAUX EXCL. #-RELEVES DIV.) TYPE DE JAUGE , EXPLOITATION | | | | REMARQUES |
|---|---|---|---|---|---|---|---|---|
| | SAINT-LAURENT (FLEUVE): | | | | | | | |
| 02JB011 | . QUINZE (LAC DES) A LA POINTE DU PIN ROUGE | 23 400 | 47 34 16<br>079 10 33 | 55-90*RC | | | 8 | REG |
| 02JB017 | . QUINZE (LAC DES) A ANGLIERS | | 47 33 07<br>079 14 06 | 87-90*RC | | | 8 | |
| 02JB026 | . TEMISCAMINGUE (LAC) A VILLE-MARIE | | 47 19 45<br>079 26 40 | 87-90*RC | | | 8 | |
| 02JE025 | . TEMISCAMINGUE (LAC) A TEMISCAMING | | 46 42 58<br>079 06 16 | 87-90*RC | | | | |
| 02KF004 | . OUTAOUAIS (RIVIERE DES) A QUYON | 89 900 | 45 31 00<br>076 13 50 | 15-16*MC<br>21*RS | 17-19*MS<br>28 RS | 20*MC<br>29-78*RC | | REG |
| 02LA015 | . OUTAOUAIS (RIVIERE DES) A HULL | | 45 25 53<br>075 42 25 | 64-90*RC | | | 8 | REG |
| 02LB001 | . OUTAOUAIS (RIVIERE DES) A GRENVILLE | | 45 37 32<br>074 36 32 | 33-91*RC | | | | REG |
| 02LB026 | . OUTAOUAIS (RIVIERE DES) A CARILLON (AMONT) | | 45 34 10<br>074 23 00 | 63-91*RC | | | | REG |
| 02LB025 | . OUTAOUAIS (RIVIERE DES) A CARILLON (AVAL) | | 45 34 05<br>074 22 47 | 63-91*RC | | | | REG |
| 02OA021 | . DEUX MONTAGNES (LAC DES) AU QUAI DE VAUDREUIL | | 45 24 00<br>074 01 24 | 67-70*RS | 71-91*RC | | | REG |
| 02OA014 | . OUTAOUAIS (RIVIERE DES) A VAUDREUIL | | 45 23 13<br>074 00 10 | 58-91 RC | | | 1 | REG |
| 02OA013 | . OUTAOUAIS (RIVIERE DES) A SAINTE-ANNE-DE-BELLEVUE | | 45 24 17<br>073 57 25 | 58-91*RC | | | 8 | REG |
| 02OA033 | . OUTAOUAIS (RIVIERE DES) A LA MARINA DE SAINTE-ANNE-DE-BELLEVUE | | 45 24 08<br>073 56 52 | 78-86*MC | | | | REG |
| 02OA018 | . PRAIRIES (RIVIERE DES) AUX RAPIDES DU CHEVAL BLANC | | 45 31 11<br>073 50 05 | 65-67*MC | 68-91*RC | | | REG |
| 02OA019 | . PRAIRIES (RIVIERE DES) A ROXBORO | | 45 30 56<br>073 48 49 | 65-66*MS | 67-91*MC | | | REG |
| 02OA002 | . PRAIRIES (RIVIERE DES) A CARTIERVILLE | | 45 32 02<br>073 43 48 | 16-29 MC<br>76-78*MC | 30-72*MC<br>87-91*RC | 73-75*RC | | REG |
| 02OA020 | . PRAIRIES (RIVIERE DES) A DUVERNAY EST | | 45 39 09<br>073 36 03 | 65-69*MC<br>75-91*RC | 70*RC | 71-74*MC | | REG |
| 02OA015 | . MILLE ILES (RIVIERE DES) A LAVAL OUEST | | 45 32 27<br>073 52 53 | 63-69*MC | 70-74*RC | 75-79*RC | | REG |
| 02OA003 | . MILLE ILES (RIVIERE DES) A BOIS-DES-FILION | | 45 39 47<br>073 45 09 | 13-26 RS<br>80-91 RC | 27-60 RC | 61-79 MC | 5<br>8 | REG |
| | . OUTAOUAIS (RIVIERE DES): | | | | | | | |
| 02JE017 | . . KIPAWA (LAC) A LANIEL | | 47 02 30<br>079 16 12 | 62-86*MC | 87-90*RC | | 8 | REG |
| 02JE015 | . . KIPAWA (RIVIERE) EN AVAL DE LANIEL | | 47 04 05<br>079 18 36 | 62-75 RC | 87-90 RC | | 8 | REG |
| 02JE002 | . . GORDON (RUISSEAU) A KIPAWA | | 46 46 44<br>078 59 19 | 87-90 RC | | | | REG |
| | . . GATINEAU (RIVIERE): | | | | | | | |
| 02LH011 | . . . LAPECHE (RIVIERE) A SAINT-LOUIS-DE-MASHAM | 117 | 45 39 27<br>076 08 25 | 70-80 RC | | | 5 | REG |
| 02LH013 | . . . MEACH (RUISSEAU) EN AVAL DU LAC CAPMAN | 11.9 | 45 35 55<br>075 55 12 | 70 R# | 71-77 RC | | 5 | NAT |

M - JAUGE MANUELLE
R - ENREGISTREUSE LIMNIGRAPHE

C - EXPLOITATION CONTINUELLE
S - EXPLOITATION SAISONNIERE

1 - DONNEES NON PUBLIEES

5 - DONNEES DISPONIBLES SUR LA QUALITE DE L'EAU

8 - LIMNIPHONE

NAT - ECOULEMENT NATUREL
REG - DEBIT REGULARISE DUPUIS 19 . .
(ANNEE INDIQUEE SI CONNUE)

| NO DE LA STATION | | BASSIN VERSANT (km²) | EMPLACEMENT | DONNEES DISPONIBLES (*-NIVEAUX EXCL. #-RELEVES DIV.) TYPE DE JAUGE , EXPLOITATION | | | | | REMARQUES |
|---|---|---|---|---|---|---|---|---|---|
| | SAINT-LAURENT (FLEUVE):<br>. OUTAOUAIS (RIVIERE DES):<br>. . GATINEAU (RIVIERE): | | | | | | | | |
| 02LH012 | . . . MEACH (RUISSEAU) SUR LE CHEMIN DES PINS | 84.7 | 45 34 15<br>075 53 15 | 70 R# | 71-77 RC | | | 5 | NAT |
| | . MILLE ILES (RIVIERE DES): | | | | | | | | |
| 02OA028 | . . CHENE (RIVIERE DU) AU SUD DU VILLAGE DE BELLE-RIVIERE | 53.6 | 45 36 48<br>074 06 17 | 71 M#<br>86-91*RC | 72 MC | 73-85 RC | | 7 | NAT |
| | . . CHENE (RIVIERE DU): | | | | | | | | |
| 02OA025 | . . . BELLE RIVIERE (RIVIERE) A SAINTE-SCHOLASTIQUE | 28.0 | 45 39 07<br>074 05 32 | 71 M# | 72-91 MC | | | | NAT |
| 02OA026 | . . . BELLE RIVIERE (RIVIERE) AU BARRAGE PRES DE SAINTE-SCHOLASTIQUE | | 45 38 24<br>074 05 57 | 71*MS | 72-83*MC | | | | REG |
| 02OA031 | . . CHICOT (RIVIERE DU) PRES DE SAINTE-MONIQUE | 7.25 | 45 39 19<br>073 58 01 | 71 MS | 72-74 MC | 75 M# | | | REG |
| 02OA032 | . . CHIENS (RIVIERE AUX) PRES DE BOISBRIAND | | 45 38 16<br>073 54 51 | 78-80 R# | 81-85*RC | 86-91 RC | | | NAT |
| 02OA030 | . . MASCOUCHE (RIVIERE) PRES DE SAINT-JANVIER | 18.9 | 45 41 30<br>073 56 17 | 71 MS | 72 MC | 73-91 RC | | | NAT |
| | . . NORD (RIVIERE DU): | | | | | | | | |
| 02LC019 | . . . NORD (RUISSEAU) SUR LE CHEMIN SAINT-DOMINIQUE | 22.6 | 45 44 12<br>074 00 03 | 71*MS | 72-86*MC | | | | NAT |
| | SAINT-LOUIS (LAC): | | | | | | | | |
| 02MC008 | . SAINT-LOUIS (CANAL D'AMENEE DE LA RIVIERE) A SAINT-STANISLAS-DE-KOSTKA | | 45 12 04<br>074 06 13 | 30-32 MS | | | | 1 | REG |
| 02MC007 | . SAINT-LOUIS (RIVIERE) PRES DE SAINT-LOUIS-DE-GONZAGUE | 130 | 45 13 25<br>073 58 35 | 30-38 MC | | | | | REG |
| 02OA012 | . CHATEAUGUAY (RIVIERE) A CHATEAUGUAY-CENTRE | | 45 21 42<br>073 44 53 | 37-91*MC | | | | 5 | REG |
| 02OA024 | . RIVE SUD (CANAL DE LA) A COTE-SAINTE-CATHERINE | | 45 24 22<br>073 34 35 | 59-91 RC | | | | 9 | REG 59 |
| 02OA023 | . LACHINE (CANAL DE) A LACHINE | | 45 25 22<br>073 40 07 | 50-91 RC | | | | 1 | REG |
| | SAINT-LAURENT (FLEUVE): | | | | | | | | |
| 02OJ002 | . RICHELIEU (RIVIERE) A LA SORTIE DU LAC CHAMPLAIN | | 45 00 36<br>073 21 12 | 18-26 C | | | | 1 | NAT |
| 02OJ006 | . RICHELIEU (RIVIERE) A CANTIC | | 45 03 54<br>073 19 14 | 37-72*MC | 73-91*RC | | | 5 | NAT |
| 02OJ005 | . RICHELIEU (RIVIERE) A L'ILE-AUX-NOIX | | 45 07 27<br>073 16 00 | 37-40*MC | | | | 1 | NAT |
| 02OJ004 | . RICHELIEU (RIVIERE) A SAINT-BLAISE | | 45 11 39<br>073 15 38 | 37-39*MC | | | | 1 | NAT |
| 02OJ014 | . RICHELIEU (RIVIERE) A SABREVOIS | | 45 11 47<br>073 15 05 | 39-40*MC | | | | 1 | NAT |
| 02OJ016 | . RICHELIEU (RIVIERE) A LA MARINA DE SAINT-JEAN | | 45 18 03<br>073 15 04 | 72-73*MC | 74-91*RC | | | | NAT |
| 02OJ001 | . RICHELIEU (RIVIERE) A SAINT-JEAN | 22 000 | 45 18 48<br>073 15 06 | 14-23*MC<br>61-67*MC | 24 MS<br>68-69*RC | 25-60 MC<br>70-72*RS | | | REV 14<br>NAT |
| 02OJ010 | . RICHELIEU (RIVIERE) A LA TETE DES RAPIDES DE SAINT-JEAN | | 45 18 51<br>073 15 10 | 38-40*MC | | | | 1 | NAT |

M - JAUGE MANUELLE
R - ENREGISTREUSE LIMNIGRAPHE

C - EXPLOITATION CONTINUELLE
S - EXPLOITATION SAISONNIERRE

1 - DONNEES NON PUBLIEES

5 - DONNEES DISPONIBLES SUR LA QUALITE DE L'EAU

7 - DONNEES PROVENANT DE SATELLITE

9 - DONNEES SUR LA TEMPERATURE DE L'EAU DISPONIBLES EN CONTEAU

REV - CORRECTIONS APPORTEES AUX DONNEES JUSQU'EN 19 . .
NAT - ECOULEMENT NATUREL
REG - DEBIT REGULARISE DUPUIS 19 . . (ANNEE INDIQUEE SI CONNUE)

| NO DE LA STATION | | BASSIN VERSANT (km²) | EMPLACEMENT | DONNEES DISPONIBLES (*-NIVEAUX EXCL. #-RELEVES DIV.) TYPE DE JAUGE , EXPLOITATION | | | REMARQUES |
|---|---|---|---|---|---|---|---|
| | SAINT-LAURENT (FLEUVE): | | | | | | |
| 02OJ011 | . RICHELIEU (RIVIERE) A LA SORTIE DE L'EGOUT DE SAINT-JEAN | | 45 19 00<br>073 15 00 | 38-40*MC | | 1 | NAT |
| 02OJ012 | . RICHELIEU (RIVIERE) EN AMONT DU BARRAGE FRYERS | | 45 23 41<br>073 15 22 | 39-91*MC | | | NAT |
| 02OJ013 | . RICHELIEU (RIVIERE) EN AVAL DU BARRAGE FRYERS | | 45 23 42<br>073 15 22 | 39-91*MC | | | NAT |
| 02OJ007 | . RICHELIEU (RIVIERE) AUX RAPIDES FRYERS | 22 000 | 45 23 54<br>073 15 32 | 37-64 MC | 65-91 RC | 5 6 8 | REV 37<br>NAT |
| 02OJ015 | . RICHELIEU (RIVIERE) AU PONT DE L'AUTOROUTE DES CANTONS DE L'EST | | 45 24 55<br>073 14 00 | 64*MB | | 1 | NAT |
| 02OJ008 | . RICHELIEU (RIVIERE) A BELOEIL (EN AMONT) | | 45 33 00<br>073 17 06 | 38-40*MC | | 1 | NAT |
| 02OJ009 | . RICHELIEU (RIVIERE) A BELOEIL (EN AVAL) | | 45 33 01<br>073 17 06 | 38-40*MC | | 1 | NAT |
| 02OJ010 | . RICHELIEU (RIVIERE) AMONT ELLUSE ST-OURS | | 45 51 49<br>073 08 52 | 90-91*RC | | | REG 90 |
| | . RICHELIEU (RIVIERE): | | | | | | |
| 02OH001 | . . CHAMPLAIN (LAC) A PHILIPSBURG | | 45 02 23<br>073 04 47 | 64-66*MC | 67-91*RC | 5 6 | NAT |
| | SAINT-PIERRE (LAC):<br>. SAINT-FRANCOIS (RIVIERE):<br>. . MAGOG (RIVIERE): | | | | | | |
| 02OE012 | . . . MEMPHREMAGOG (LAC) A MAGOG | | 45 16 01<br>072 09 38 | 20-65*MC | 66-91*RC | 2 5 7 8 | REG |
| | SAINT-LAURENT (FLEUVE)(LA RIVE NORD):<br>. MONTMORENCY (RIVIERE): | | | | | | |
| 02PD018 | . . LAFLAMME (RUISSEAU) A LA SORTIE DU LAC LAFLAMME | 0.69 | 47 19 27<br>071 07 37 | 80-91 RC | | | NAT |
| 02PD017 | . . . LAFLAMME (LAC) A LA FORET DE MONTMORENCY | 0.69 | 47 19 25<br>071 07 35 | 79-91*RC | | | NAT |
| | CONNECTICUT RIVER: | | | | | | |
| 02OE018 | . HALL (RIVIERE) PRES D'EAST HEREFORD | 220 | 45 02 41<br>071 29 54 | 48-62 MC | 63-91 RC | 2 5 7 | REV 48<br>NAT |

M - JAUGE MANUELLE
R - ENREGISTREUSE LIMNIGRAPHE

C - EXPLOITATION CONTINUELLE
S - EXPLOITATION SAISONNIERRE

1 - DONNEES NON PUBLIEES

2 - STATION INTERNATIONALE DE JAUGEAGE (AU CANADA)

5 - DONNEES DISPONIBLES SUR LA QUALITE DE L'EAU

6 - DONNEES SUR LES SEDIMENTS
7 - DONNEES PROVENANT DE SATELLITE
8 - LIMNIPHONE

REV - CORRECTIONS APPORTEES AUX DONNEES JUSQU'EN 19 . .
NAT - ECOULEMENT NATUREL
REG - DEBIT REGULARISE DUPUIS 19 . . (ANNEE INDIQUEE SI CONNUE)

| STA. NO. | NAME | PAGE |
|---|---|---|
| 02JE011 | QUINZE (LAC DES) À LA POINTE DU PIN ROUGE | 2 |
| 02JE012 | SIMARD (LAC) À LAFORCE | 1 |
| 02JE017 | QUINZE (LAC DES) À ANGLIERS | 2 |
| 02JE002 | GORDON (RUISSEAU) À KIPAWA | 5 |
| 02JE015 | KIPAWA (RIVIÈRE) EN AVAL DE LANIEL | 5 |
| 02JE017 | KIPAWA (LAC) À LANIEL | 5 |
| 02JE025 | TÉMISCAMINGUE (LAC) À TÉMISCAMING | 5 |
| 02JE026 | TÉMISCAMINGUE (LAC) À VILLE-MARIE | 5 |
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| 02LA015 | OUTAOUAIS (RIVIÈRE DES) À HULL | 5 |
| 02LB001 | OUTAOUAIS (RIVIÈRE DES) À GRENVILLE | 5 |
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| 02LH012 | MEACH (RUISSEAU) SUR LE CHEMIN DES PINS | 3 |
| 02LH013 | MEACH (RUISSEAU) EN AVAL DU LAC CARMAN | 2 |
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| 02MC005 | SAINT-LAURENT (FLEUVE) À POINTE-DES-CASCADES | 1 |
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| 02MC008 | SAINT-LOUIS (CANAL D'AMENÉE DE LA RIVIÈRE) À SAINT-STANISLAS-DE-KOSTKA | 3 |
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| 02OA003 | MILLE ILES (RIVIÈRE DES) À BOIS-DES-FILION | 2 |
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| 02OA015 | MILLE ILES (RIVIÈRE DES) À LAVAL OUEST | 2 |
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| 02OA017 | SAINT-LAURENT (FLEUVE) AU PONT MERCIER | 1 |
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| 02OA019 | PRAIRIES (RIVIÈRE DES) À ROXBORO | 2 |
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| 02OA024 | RIVE SUD (CANAL DE LA) À CÔTE-SAINTE-CATHERINE | 3 |
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| 02OA045 | SAINT-LAURENT (FLEUVE) EN AVAL DE L'ÉCLUSE À SAINT-LAMBERT | 1 |
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